Curriculum Vitae

Valeri Katerinchuk

British Citizen

10 Lillywhite, Everglade Strand, Mill Hill, London, NW95QL

Tel: 02082054558
Mob: 07704622485
Email: fbleyn@gmail.com

Education

PhD in Computer Science (awarded 1 January 2018), Kings College London, London, 2012-2016

Thesis Title: Heuristic Multicast Routing Algorithms in Wireless Sensor Networks with Incomplete Network Knowledge, Submitted 30th September 2016 (Funded By GTA scheme)

Supervisors: Prof. Peter McBurney and Dr. Kathleen Steinhöfel

Brief Synopsis of Research:

Examining the problem of Multicast Routing in Wireless Sensor Networks with Limited Network Knowledge, we found a relatively small number of existing algorithms considering this problem. Of these were a large number of guided broadcast based methodologies. However there exists little consensus as to the comparative performance of these algorithms which, moreover, tend to have quite different problem formulations. I created a working simulation platform for Wireless Sensor Networks. This is similar to a multi-agent system as the sensors function and make routing decisions independently and in parallel within the same time-frame. I identified a broad problem formulation and combined this with a number of problem variables to create numerous problem permutations. These were combined with numerous network types to create a number of problem instances. A selection of modular algorithms inspired by the literature and previous work on Wireless Sensor Networks were created. These were examined individually or combined to create new, composition strategies. Their performance when run within the individual sensor nodes was tested against a number of identified objectives within these problem instances, run within a created simulation platform, and analysed. From their performance guidelines were derived for applying these strategies within the individual problem instances and broadly within the problem permutations and within individual network types. Guidelines were also derived for combining these strategies effectively within the various problem instances, problem permutations and networks.

Master In Science (HONS), Computer Science, First Class Honours, Kings College London, London, 2007 – 2011

Modules Included:
- Software architecture and design
- Advanced Software Engineering (Software measurement and testing)
- Software Engineering of Internet Applications
- Distributed systems
- Optimization methods
- Geometric algorithms
- Advanced security topics
- Computer Forensics and Cybercrime (PsyOps on the Internet – methods and tactics)
- Cryptography and information security
- Agents and Multi-Agent Systems
- Artificial Intelligence
- Algorithms for computational molecular biology
- Group project in Software Engineering with the aim to develop software for a robot that would allow it to navigate and remember a race track, requiring knowledge of software architecture and design, the ability to grasp the basics and limitations of robotics, quickly understanding a new programming language (the language the robot accepted as a valid input).

A Levels, Mill Hill County High School, London, 2006-2007

GCE A Level in English Literature: A
GCE A Level in History: A
GCE A Level in Physics: B
GCE A Level in Mathematics and Statistics: C

GCSE's, St' Mary's C E High School

Employment:

King's College London, Department of Geography, Research Associate, 2017-2018 (ongoing)
For the last year I have been fulfilling a vital role in an international research project, 'Food Security and Land Use: The Telecoupling Challenge'. The project brings together social and natural scientists from four major countries (Brazil, China, UK, and USA) to form the International Consortium on Food Security and Land Use in a Telecoupled World (the 'Telecoupling Consortium'). The UK work on this project is funded through the Natural Environment Research Council. I have been developing an agent-based simulation model in Java code to be used with stakeholders to understand the direct and collateral effects of feedbacks between food security and land use over long distances. I am responsible for developing the code base, for designing simulation experiments to explore system dynamics and questions of interest, and for liaising with project partners and stakeholders in the UK and internationally to incorporate their input.

VOSS Solutions, Solutions Engineer, 2011-2012
I was in essence the only software engineer in my branch besides my immediate superior, which meant I was exposed to multiple and varied duties and all parts of the software. Duties Included:
- Learning new programming language (Python)

- Repairing and Upgrading communications management software both clientside and serverside.
- Implementing new features in Python.
- Webpage design in HTML, CSS and JavaScript
- Debugging all parts of the code.
- Ensuring compatibility with multiple internet browsers (Opera, Firefox, Chrome, Internet Explorer)
- Working with CISCO and BT to ensure compatibility with their existing software and databases.

Experience

Final year Bioinformatics project (2011) where I designed and created a new software in Java in support of genetic biology research, requiring knowledge of software design, Java programming and the ability to master an entirely new field (genetic biology) quickly.

Completed Bioinformatics summer school at the Queens University of Belfast in the summer 2011 giving me a detailed knowledge of the principles of genetic biology and experience using some of the latest software for its research and analysis.

Learned Python programming language during work at VOSS solutions requiring the ability to grasp new software and programming languages on the fly.

Administrative Experience:
- Participation as a member of the London Stringology Days/London Algorithmic Workshop 2014, 2015 and 2016 organizational committee as well as helping with the supervision of the software engineering group projects for four years has given me experience in team management and participation as well as project and event organisation.

- Assisted in supervising undergraduate Software Engineering Group project for four academic years (2012 – 2016) requiring the ability to manage and guide multiple teams in ensuring delivery of project goals as well as conflict mediation and resolution.

Teaching Experience:

- Regularly supervised lab sessions and lead small and large group tutorials as part of the Graduate Teaching Assistant funding scheme for all four years of studies.

- Assisted in supervising undergraduate Software Engineering Group project for four years.

Skills

Research Skills:
- Knowledge of research methodologies.
- Writing of and presentation of reports, scientific papers and posters.
- Data analysis.
- Construction of simulation platforms and analysis software.
- Completing work to strict deadlines (PhD deadline, paper submission deadlines).
- Time management in order to accomplish multiple tasks.

Computing Skills:

- Applications: Microsoft Office Suite, Open Office Suite, Internet Explorer, Firefox, Chrome, Paint Shop Pro, GIMP, HPC: Kings College High Performance Computing service.

- Programming Languages: Java, Python, HTML, CSS, Javascript. R

- Operating Systems: Linux, Windows (any).

- Debugging complex code (as part of building and maintaining a wireless sensor network simulation platform)

- Experienced in a number of GIS software including ArcGIS, QGIS and scripting in R

Organising Skills

- Was part of the organisational committee for the London Stringology Days/London Algorithmic Workshop 2014, 2015 and 2016. Duties included organising and preparing for the workshop both prior to and on the day. Assisting in managing the activity schedule of the guests.

Other skills

- Knowledge of how to use, and qualifications to use, the KCL High Performance Computing suite.

- Fluency in English and Russian and possessing a beginner's knowledge of French, German, Japanese (spoken).

- Working knowledge of Genetic Biology from final year masters project and publication during PhD studies.

- Knowledge of Bioinformatics from final year masters project, publication during PhD studies and Bioinformatics summer school in the Queens University of Belfast (2011)

Interests

- Travel
- Jewellery making
- Creative writing,
- Violin and Piano, grade 5 and 4 respectively
- Karate (black belt), Tennis and Table Tennis
- Chess and Strategy Wargaming

Appendix

Conferences, Presentations and Courses Attended.

- Bioinformatics summer school in the Queens University of Belfast (2011)

- Research paper: ICAART 2014 6th International Conference on Agents and Artificial Intelligence,

- London Stringology Days/London Algorithmic Workshop 2014

- Research paper: ICORES 2015 4th International Conference on Operations Research and Enterprise Systems,

- London Stringology Days/London Algorithmic Workshop 2015

- London Stringology Days/London Algorithmic Workshop 2016

Publications and Conference Papers

- Katerinchuk, V., Albrecht, A., Steinhöfel, K., Energy-efficient Multicast Routing by Using Genetic Local Search, (2014), In: 6th International Conference on Agents and Artificial Intelligence, ICAART 2014, pp. 740-746.
- Katerinchuk, V., and Ozturk, C., Stenier-based Energy Efficient Multicast Routing forWireless Sensor Networks, (2015), 4th International Conference on Operations Research and Enterprise Systems, ICORES 2015, pp. 346-352.

Awards, Fellowships and Grants

- Kings College London, Graduate Teaching Assistant scheme 2012-2016
- KCL Travel grant for ICAART
- KCL Travel grant for ICORES

Application Summary - Valeri Katerinchuk - 12537 (Web Developer/Researcher: Mapping Museums Project)

Personal Details

Username	fbleyn@gmail.com	**E-Mail**	fbleyn@gmail.com
Preferred Mail Type	Email	**Title**	Dr
First Name(s)	Valeri	**Last Name**	Katerinchuk
Current Job Title	Research Associate	**Current Employer**	King's College London, Department of Geography
Current Salary	33518		
Address 1	10 Lillywhite, Everglade Strand Mill Hill		
Address 3	London		
Country	United Kingdom		
Postcode/Zip	NW95QL	**Home Telephone Number**	02082054558
Mobile Telephone Number	07704622485	**Work Telephone Number**	07704622485
Person Type	Experienced application (CV only)	**Sourced From**	Jobs.ac.uk-auto

Referees

First name	Peter	**Surname**	McBurney
Title	Professor		
Address			
		Position Title	Professor of Computer Science
		Organisation Name	King's College London
		Work Phone No	+44 020 7848 1253
		E-mail	peter.mcburney@kcl.ac.uk

First name	James	**Surname**	Millington
Title	Dr		
Address			
		Position Title	Senior Lecturer
		Organisation Name	King's College London
		Work Phone No	+44 (0)20 7848 2604
		E-mail	james.millington@kcl.ac.uk

Volume Questions

Section - References
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Application Questions

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Upon completion of my PhD last year my work has shifted from purely computer science research to the humanities, specifically applying computer development to assist in, and further research within the KCL department of Geography. I have participated as the primary programmer and system designer in a project involving research groups from four nations (UK, USA, China and Brazil) and have accumulated experience in engaging with both fellow team-members and stakeholders in order to both present our work and drive design forward. As part of my work I have experience analysing spatial (and non-spatial) data using a variety of existing GIS tools as well as coding new software in R. Prior to my PhD studies I have had experience developing an online tool for VOSS solutions in Python, html and javascript and am familliar with both front-end and backend software as well as working in Unix. Above all I find the concept of analysing the development of Museums in the UK and designing a website to assist in this project very intriguing and would be excited at the opportunity to do so.

Branching Questions

Do you currently have the right to live and work in the UK?
Yes
You have indicated that you have the right to live an work in the UK, is this because you:
are a British, Swiss or EEA national

Dr. Sam Martin Ph.D., MSc (Distinction), MA (OXf.)

103a Grove Lane, London, SE5 8BG
Tel: 077480 77731 Email: digitalcoeliac@gmail.com

Qualifications, with awarding body and dates

o P.h.D. Interdisciplinary Studies: Digital Sociology and Digital Health. University of Warwick (2017)
  Thesis Title: Coeliac Disease: Chronic Illness and Self-Care in the Digital Age
o MSc. Digital Sociology, Hons 1st (Distinction, and Award for Outstanding Academic Achievement) Goldsmiths, University of London (2011 – 2012)
o MA Jurisprudence (Law) – Pass: Oxford University, Merton College (2001)
o LLB Jurisprudence (Law) – 2nd , Oxford University, Merton College (1994 – 1997)

Technical Skills:
Content Management Systems and WordPress Front-End Development (CSS, PHP, XHTML, MySQL, JavaScript), HTML5, Corona SDK smartphone app development, Google Docs. Adobe Premier, Final Cut Pro, Photoshop, Illustrator, Server management (Linux), E-Learning Technology (Moodle and Virtual Learning application management and course design). Advanced Quantitative Digital Social Research Methods: Issue Mapping, Text Mining, Co-word analysis, Google Scraping and Link Analysis techniques. Data Visualisation techniques. Statistical and Regressional Analysis: SPSS. Twitter Sentiment Analysis, GIS analysis: QGIS, Google Maps API, MapBox, OpenStreet Map.

Membership of Professional Bodies and Learned Societies

o British Sociological Society (General Member. 2014 – Current)

Career details- Present employment

o March – August 2018: **Senior Research Assistant: Manchester Metropolitan University**
  "Opting out of Digital Health": I conduct research into the ability of users to opt out of using Digital Health Apps that are sponsored by the NHS or independent backers, and apply a range of cultural and social theories (such as those on digital society and culture, digital health, and politics of bio data) to the analysis of collected data. I also have the opportunity to further my research and knowledge exchange portfolio through the co-authoring of an academic publication, an opinion piece for the media and an infographic for the broader public.

o January – February 2018: **Visiting Lecturer in Advanced Digital Methods, University of Warwick**
  Running Doctoral Training Centre workshops in Advanced Digital Methods for Graduate students, on web scraping, data visualisation with Gephi and R, and creative research techniques.

o August 2017 – Current: **Senior Social Media and Digital Content Strategist, Doctor in the House**
  Responsible for SEO and Social Media strategy, Social Media Analysis and web content management via a bespoke web content management system.

o Dec 2016 – Current: **Founder & Social Media Manager & Web Content Producer, Chronically Divine**
  I am the Founder and manager of this Digital Health Start-Up. I produce all jewelry, Social Media images, photography, editorial copy, community engagement and Pay Per Click advertising for the Instagram, Facebook, and Etsy channels for the Chronically Divine brand: http://ChronicallyDivine.Etsy.com

Previous employment and appointments

o May 2015 – October 2015: **Learning Technologist, University of Warwick**
  Creation of programme content for the MA in Digital Media, the MSc in Big Data and Digital Futures and Culture and the Politics and International Studies (PAIS) Masters degrees. Worked with lecturers and academic subject experts to design, structure and fill their relevant courses on Moodle, and made sure that all university guidelines, templates and procedures were carried out during this process.

- o May 2014 – May 2015: **Social Media Manager, University of Warwick Business School**
  Responsible for all content in Warwick Business School's Twitter feed for @thedatascilab. Over my contract, I increased their Twitter following from 200 to over 1200 followers.

- o May 2011 – Sept 2011: **Data visualisation consultant, Tactical Technology Collective (Berlin)**
  Responsible for creation and visualisation of data in security and privacy toolkits for activists in the field.

- o Oct 2006 – Sept 2011: **Web Content and Communications Manager, University College London**
  Management and development of UCL's collection of student recruitment and e-learning websites (http://www.ucl.ac.uk/prospective-students/graduate). Specialising in e-learning, web platform development, template design, MySQL database management, building Open Day registration tools and website, CMS training sessions, multimedia and digital cartography apps.

- o Feb 2002 – Oct 2006: **Freelance eLearning Developer (Director), Kinscape Ltd**
  Contracts with Manchester University and Kings College London to develop and run their JISC Collections e-learning and MIMAS CMS Systems.

- o Feb 2000 – Mar 2002: **Senior Web Designer, Hodder Education**
  Developed interactive e-learning websites for this large publishing company's Special Needs, Adult Learning, GCSE and A-Level languages.

Teaching and Learning

- o 2014 – 2016: **Lecturer in Advanced Digital Methods, University of Warwick**
  I planned, delivered lectures, as well as ran Doctoral Training Centre workshops in Advanced Digital Methods for Graduate students, on harvesting, analysing, mapping and visualising Big Social Data.

- o May 2015: **Invited Lecturer to Cambridge University Sociology Department**
  Lecturer at a guest DTC workshop on Intermediate and Advanced level data mining and data visualisation.

- o June 2015: **Visiting Lecturer in Advanced Digital Methods**
  I ran three independent seminars with 12 students (how to use advanced digital methods in research) and 5 Lecturers (how to teach advanced digital methods to undergraduate students) for five weeks (Camden City Learning Centre, London)

Research and Knowledge Transfer

- o Grants, awards and contracts - list of research grants and awards including:
  - £45,000 : WCPRS Collaborative Research Studentship, University of Warwick and Coeliac UK
  - £9,000 : Manchester Metropolitan University : Opting out of Digital Health

Public Output

- o **Publication mentions**

  - Thesis chapter on gamification apps for the public pedagogical dissemination of information about Coeliac Disease was reviewed in The Lancet's July 2017 Gastroenterology edition ('Apps: solutions to sociological and health problems' Zajanckauskaite, Estera. The Lancet Gastroenterology & Hepatology , Volume 2 , Issue 8 , 554)

  - MSc research into visualising live methods within social media was featured in: Back, L., & Puwar, N. (p. 146; 2013). Live methods. Wiley-Blackwell. Chicago

  - My PhD research was the topic of a British Library case study on 'Multimedia PhD Research & Non-text Theses Case Studies' (2016): http://bit.ly/SamMartin-BL-CaseStudy

- o **Conference Publications**

  - Conference Paper: 'The Digital Coeliac, Twitter and Coeliac Disease, Patterns and Sentiment'. Association of European Coeliac Societies (AOECS), Amsterdam. Sep 7, 2013

  - Conference Poster: 'The Digital Coeliac, Twitter and Coeliac Disease, Patterns and Sentiment'. Medical Humanities Conference, Warwick Medical School (November 2013)

  - Conference Presentation: 'Twitter, The City & The Gut: How Coeliacs Self-Manage Chronic Disease in the City'. Centre for Interdisciplinary Methodology, PhD Research Day, Warwick (May 2014)

  - Conference Poster: : 'Twitter, The City & The Gut: How Coeliacs Self-Manage Chronic Disease in the City'. Warwick Business School: Computational Social Science Conference (June 2014)

  - Conference Paper: 'Twitter, the City and the Gut How Coeliacs find food & re-write the city landscape with health-related knowledge'. BSA Conference. Ageing Society & the Body. British Library, London (Dec 2014)

  - Conference Paper: 'The Digital Patient: From New Expert to Digital Quantifier and Qualitative Image Diarist'. Conference: "25 Years of Public Health Criticism: Critique and Nostalgia in Public Health", London School of Hygiene and Tropical Medicine (Sept 2015)

  - Conference Paper: 'Twitter, Instagram, the City and the Gut: Learning how to self-manage chronic illness through gamification'. Medical Sociology Conference: British Sociological Association (University of York)

  - Conference Paper: 'Spoonie Living App: Visualising The Experience and Self Care Of Coeliac Disease: a study in the use of apps to help with the self-care of coeliac disease'. Quantified Self, Symposium on Pain, Singularity University, Mountain View, California, USA (Nov 2015)

  - Conference Poster: 'Spoonie Living: Visualising The Experience and Self Care Of Coeliac Disease' (Winner of the Poster prize for Most Commended Academic Research Abstract). Coeliac UK Research Conference, 2016. Royal College of Physicians, London (March 2016)

  - Conference Paper: "Case study: Coeliac 'Millennials' and the Twitter generation". Food Matters Live Conference, Free-from, Allergy and Intolerance stream. London, (Nov 2016)

Application Summary - Sam Martin - 12537 (Web Developer/Researcher: Mapping Museums Project)

Personal Details

Username	digitalcoeliac@gmail.com	**E-Mail**	digitalcoeliac@gmail.com
Preferred Mail Type	Email	**Title**	Dr
First Name(s)	Sam	**Last Name**	Martin
Current Job Title	Senior Research Assistant (part time):	**Current Employer**	Manchester Metropolitan University
Current Salary	28000		
Address 1	103a Grove Lane		
Address 3	London		
Country	United Kingdom		
Postcode/Zip	SE5 8BG	**Home Telephone Number**	07748077731
Work Telephone Number	07748077731	**Person Type**	Experienced application (CV only)
Sourced From	Jobs.ac.uk-auto		

Referees

First name	Emma	**Surname**	Uprichard
Title	Dr		
Address			
Centre for Interdisciplinary Methodologies			
The University of Warwick		**Position Title**	Associate Professor
City	Coventry	**Organisation Name**	University of Warwick
Country	United Kingdom	**Work Phone No**	+447855499829
Postcode	CV4 7AL	**E-mail**	E.Uprichard@warwick.ac.uk

First name	Simon J.	**Surname**	Williams
Title	Prof.		
Address			
Centre for Interdisciplinary Methodologies			
Coventry		**Position Title**	Professor of Sociology
City	Coventry	**Organisation Name**	University of Warwick
Country	United Kingdom	**Work Phone No**	x
Postcode	CV4 7AL	**E-mail**	S.J.Williams@warwick.ac.uk

Volume Questions

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Dr Emma Uprichard
Prof. Simon J. Williams

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I have a keen interest in mapping historical change, and have considerable experience with academic research and building interactive mapping systems as part of my most recent PhD in Digital Sociology and Digital Health, as well as my industry background as a senior Web Developer.

I have used the Unity Maps SDK to create 3D extruding interactive maps, which I have also taught graduate students how make in Advanced Digital Methods workshops at Warwick University. We used the Unity Maps SDK tutorial (https://www.mapbox.com/unity-sdk/overview/data-explorer/) together with CartoDB software to visualise geolocated data that showed publicly shared information about where to find safe places to eat gluten free food for those with allergies in New York City. The following map was created: https://digitalcoeliac.carto.com/viz/5411bc94-a8a6-11e4-af05-0e0c41326911/public_map

I also have experience of using the mapping technology of CartoDB, where during my P.h.D., I taught many different advanced map visualisation workshops to postgraduate students, including how to harvest location-based geo-data from Instagram posts, and map them on interactive maps (see the chronic illness specific hashtag #NoCureNoChoice : https://digitalcoeliac.carto.com/builder/ceb3409a-1d29-11e7-8862-0ecd1babdde5/embed).

This also includes mapping and visualising polling stations used in Galway, Ireland during the most recent 2018 Irish Referendum on Abortion. Visual Data was pulled from the Google Street Maps AP to give photographic representation of placeI: https://digitalcoeliac.carto.com/builder/62ab9418-1d35-11e7-93c5-0e3ebc282e83/embed

In my role as Senior Web Developer at UCL, I created a virtual tours map for University College London's Open Day, which included embedding 360 degree videos, onto an interactive Google Map, using Google's API to sync with geolocated data, as well as Javascript, CSS and HTML5 to style and navigate the map. An example of it remains here: http://spoilmewith.tumblr.com/post/47554433755/ucl-virtual-tours-ucl-virtual-tours-map-use-of

I also have a great deal of project management experience from my role as Senior Web Developer at University College London, where I was in charge of digital media content production and maintenance of several websites for the Undergraduate, Graduate, Widening Participation and International Study Abroad departments. I was also responsible for training staff on the use of the Content Management System, including using virtual training tool to teach staff on UCL's Australia Campus which enabled them to utilise UCL's CMS to create a fresh new interface for the UCL Australia website: http://www.ucl.ac.uk/australia/

I have over 10 years experience as Web Developer, Content Manager, Academic Researcher, and SEO and Social Media Strategist. I have managed the editorial and digital content for several Commercial, E-commerce and Higher Education websites with complex Content Management Systems, as well as experience of WordPress and websites running on PHP. I also have extensive SEO, Web and Social Media Analytics experience. I have experience of working with agencies, and 3rd party suppliers, as well as have good interpersonal skills, and the ability to interact both with customers and colleagues at all levels.

I love a challenge, and am great at working proactively and independently to get the job done, as well as in an Agile team environment. I believe in pushing technology into areas that both inspire and utilise current and future users to positively engage in dynamic and inspiring ways.

I have full experience with the Adobe Creative Suite, web programming languages, web database and server management. I have previous industry experience in both commercial and public sector settings, and am available to start immediately.

Thank-you for your consideration, and I look forward to working with you.

Branching Questions

Do you currently have the right to live and work in the UK?
Yes
You have indicated that you have the right to live an work in the UK, is this because you:
are a British, Swiss or EEA national

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Sachin Modha

88 Charlton Road, Kenton, Harrow, Middlesex, HA3 9HN
Mobile: - 07555 688 675
Email: - sachingmodha@gmail.com

Personal Profile

Sachin has developed several transferable skills and qualifications within the accounts sector whilst also drawing on the ability to perform well under pressure and deal with different scenarios in a fast-paced environment. He is passionate to utilise these qualifications and ambitious to further learn and succeed within this sector.

Work History

16th June 2017 – Present

Cashier, Sales Ledger and Credit Control
Birkbeck, University of London

- Coding and batching payments that comes into the bank.
- Reconciling cash, credit cards and BACS on a daily basis.
- Resolving complex queries and providing accurate information to students.
- Raising external and internal invoices for small businesses and other university's.
- Producing reports for aged debt and daily banking.

16th April 2015 – 15th June 2017

Sales Ledger, Purchase Ledger, Management Accounts & Payroll
DHL Exel UK (Nottingham) Marks & Spencer

- Raised purchase orders for DHL logistics drivers for M&S, Creating invoices for M&S PO's and chasing M&S for outstanding debts.
- Reported to the Line Manager on a weekly basis on all outstanding debts.
- Complied with company policies and working practices. To decide which debts are sent to legal and then pass them on to the Line Manager.
- Maintained a professional and courteous attitude at all times with strict confidentiality in regard to all information gained through employment by DHL Supply Chain.
- Issuing statements to the customers on a weekly basis.

01st May 2009 – 15th April 2015

Sales Ledger and Credit Control
Imperial College Healthcare NHS Trust, St. Mary's Hospital

- Outstanding debts were pursued and collected on a timely and regular basis.
- Recommend uncollectible debts for write off and to decide which debts are sent to legal to the Service Manager.
- Maintained a professional and courteous attitude at all times with strict confidentiality in regard to all information gained through employment by the Trust.
- I had issued reminder letters to self-payers insurance companies on a monthly basis and maintained a spreadsheet for all outstanding debt.
- Liaised with consultants for further information on patient's records to chase debt successfully.

| 24 Nov 2003 – 30th Apr 2009 | **Sales Ledger and Credit Control** |
| | **Carphonewarehouse PLC** |

- Dealt with customer queries, organised calls and complaints from customers.
- Dealt with billing enquires and receiving payment from customers with outstanding bills.

Interests and Hobbies

- Gym
- Swimming

Education

| Sep 2001 – July 2003 | Harrow College |

| GNVQ Course: - | GNVQ ICT certificate |

- **CompTIA A+ certificate**
- **CompTIA N+ certificate**

| GCSE : Canons High School | Sep 1997 – Jul 2001 |

Skills and Certificates

- **Pc Fundamentals ICT Certificate**
- **Guide to Operating Systems ICT Certificate**
- **Pc Hardware ICT Certificate**
- **A+ Accelerated Workshop Course ICT Certificate**
- **GNVQ ICT Certificates**
- **Web developer – HTML, Python, JavaScript**
- **Full (UK) Drivers Licence**
- **SAGE 50**
- **SAGE 100**
- **SAGE 200**
- **SAGE 1000**
- **SAP**
- **ORACLE**
- **XERO**

References

- Available on request

Application Summary - Sachin Modha - 12537 (Web Developer/Researcher: Mapping Museums Project)

Personal Details

Username	sachingmodha@gmail.com	**E-Mail**	sachingmodha@gmail.com
Preferred Mail Type	Email	**Title**	Mr
First Name(s)	Sachin	**Last Name**	Modha
Current Salary	0		
Address 1	88 Charlton Road Harrow		
Country	United Kingdom		
Postcode/Zip	HA3 9HN	**Home Telephone Number**	07555688675
Mobile Telephone Number	07555688675	**Work Telephone Number**	07555688675
Person Type	Experienced application (CV only)	**Sourced From**	www.bbk.ac.uk/hr [INT]

Referees

First name	cv	**Surname**	please
Title	see		
Address			
		Position Title	manager
		Organisation Name	other
		Work Phone No	0208

First name	cv	**Surname**	please
Title	see		
Address			
		Position Title	manager
		Organisation Name	other
		Work Phone No	0208

Volume Questions

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Branching Questions

Do you currently have the right to live and work in the UK?
Yes
You have indicated that you have the right to live an work in the UK, is this because you:
are a permanent UK Resident or have unrestricted permit free resident status

3 | 4

Daniel Onah, PhD

Flat 9 Cassio House, Manhattan Avenue, Watford, Hertfordshire, WD18 7AQ
d.onah@ucl.ac.uk

EDUCATION

University of Warwick, UK
Ph.D. in Computer Science

Supervisor: **Dr Jane Sinclair**, Associate Professor/Director of Undergraduate Studies

Thesis Title: Investigating Self-Regulated Learning in Massive Open Online Courses: A Design Science Research Approach

PhD Viva Examiners:

Internal examiner: Professor **Mike Joy,** Computer Science, Warwick University

External Examiner: Dr **James Umohoibhi,** School of Engineering, Ulster University

Chair: Professor **Ranko Lazić ,** Head of Department Computer Science, Warwick University

University of East London, UK

M.Sc. Computer Systems Engineering: Software Systems (Distinction)
Thesis Title: From VDM to VB.Net and SQL

University of Uyo, Nigeria
B.Sc. Computer Science (Second Class Honors)

SCHOLARSHIP AND FUNDING

Conference Grant ALT2015, support fund by Association for Learning Technology

Grants for conferences 2015, sponsored by DCS, The University of Warwick
Travel Grant for conference 2014, 2016 supported by IAS Group
Research Grants for PhD 2013-2017, funded by DCS, The University of Warwick

TEACHING EXPERIENCE
Department of Computer Science, University of Warwick, UK   **2013 – 2017**

Computer Security: deliver seminar classes and lab demonstrations to undergraduate students.

Professional Skills: gave lab demonstration on developing professional website and thought LaTexskills.

Computer Security: seminar tutoring and lab demonstrations to first year undergraduate students.
Logic and Verification (Core Module): workshop & seminars on understanding of the basics of mathematical logic algorithms and its applications to specifying and verifying computing systems.
Provide academic guidance to undergraduates and PhD students as a PG SSLC representative.

TEACHING CURRICULUM DEVELOPMENT / CPD TRAINING
Designed a teaching curriculum for training A-leve Computer Science teachers in the UK   **June 2018**

WORK EXPERIENCE

UCL Institute of Neurology, UK   **2017 (current)**
Software Developer (Research computational biology)

University of Warwick, UK
Systems Engineer, CCSG IT Support   **2013 - 2017**

University of East London, UK   **2011 – 2012**
ECDL instructor & IT Systems Engineer

VISITING RESEARCHER
University College London, United Kingdom   **2017**
King's College London, United Kingdom   **2017**

COLLABORATORS
Professor Richard Lilford, University of Warwick, Medical School.
Dr Jane Sinclair, Associate Professr, University of Warwick, Department of Computer Sceince.
Dr James Uhomoibhi, University of Ulster, School of Engineering.
Dr Juan A. Botia. Hon. Research Fellow at IoN-UCL. Reader in Computer Science and Artificial
Intelligence, Universidad de Murcia, Spaini.
Dr Mina Ryten. MRC Senior Clinical Research Fellow. UCL Institute of Neurology.
Dr Anthony Ijeh, Assistant Professor, America University in the Emirates.
Professor Yvonne Rogers, University College London, Department of Computer Science.
Professor John Shawe-Taylor, University College London, Department of Computer Science.
Angela Addison, Teesside University

ACADEMIC HONORS & AWARDS

Warwick Awards for Teaching Excellence for Postgraduate Research Student   **2016**
Postgraduate Certificate in Transferable Skills in Science   **2015**

Warwick Awards for Teaching Excellence for Postgraduate Research Student   **2015**
Postgraduate Award in Teaching and Learning in Higher Education (Certificate)   **2015**
Associate Fellow Certificate The Higher Education Academy, UK   **2015**

Associate Fellow, The Higher Education Academy, UK Professional Standards Framework (PSF) for Teaching
and Learning Support in Higher Education, United Kingdom.   **2015**

PROGRAM COMMITTEE MEMBERSHIP

Technical program committee member of International Conference on Emerging Technologies in Computing
iCETiC '18. London Metropolitan University, London, Uk 23-24 August   **2018**

Blind-Review 2 Full Papers (10 - 15 Pages) for AUEIRC 2017: 1st AUE International Research Conference
American University in the Emirates, Dubai, UAE, November 15th - 16th,   **2017**

Blind-Peer-Review for Progress in Artificial Intelligence (PAI2016) Journal.   **2016**

A Blind-Peer Review for the 19th International Conference on Interactive Collaborative
Learning(ICL2016), Belfast, United Kingdom.   **2016**

A Blind-Peer Review for the 23rd Association for Learning Technology (ALT) Annual Conference, United
Kingdom.   **2016**

A Blind-Peer Review for the 9th International Technology, Education & Development Conference

(INTED2015), Madrid, Spain.   **2015**

Chaired a session in the 27th Annual World Conference on Educational Media and Technology
(EDMEDIA2015), Montreal, Quebec, Canada   **2015**

GRANTS AWARDED

Researcher Links Workshop: Higher Education for All , Brazil   **March 20 – 24, 2017**

Funding provided by: British Council, Newton Fund, CONFAP and FAPEAL

Research Grants Submitted
1. Leverhulme Early Career Fellowship (**Title:** AR/VR Machine Learning and Adaptive Collaborative
Approach in an Enhanced DLE)   March 1 2018

2. SIEMENS & UAE(**Title:** An Adaptive E-learning Software Systems: Computing Concepts and Python Programming) Oct. 10 2017
3. ARNS-Grant-UAE (**Title:** Adaptable Road Navigation System) Sept. 13 2017
4. SCCE-Grant-UAE (**Title :** Smart City Citizen Engagement System) Sept. 13 2017

Medical Research Council (MRC), UK   **August 2017 – July 2018**
UCL Institute of Neurology

Completed Projects
Machine Learning Gene Prediction Software App (Web Based) – UCL   **February 2018**
Link: **http://155.54.239.44:8000/gene/**

E-Learning Platform - eLDaMOOC (PhD Project at Warwick University) Online Courses   **January 2015**
Link: **http://eldamooc.org/**   Login with username : **user18**   password : **user2018**

GITHUB
See https://github.com/DanFON for projects have've been working on.

TRAINING & CERTIFICATION
- October 2014   IBM SPSS Statistics 22 – Elementary Statistical Methods. Awarded: IBM SPSS Certificate University of Warwick.
- October 2014   IBM SPSS Statistics 22 – An Overview for Complete Beginners. Awarded: IBM SPSS Certificate University of Warwick.
- April 2013   SiteBuilder2 Training for Website Development. Awarded: SiteBuilder2 Certification University of Warwick.
- August 2012   McAfee Antivirus Certification
- May 2012   HP2-K31 Technical Introduction to HP Storage SMB Portfolio (Certified I) Awarded: HP Technical Certified I (SMB Storage Solution.
- September 2011 British Computer Society
  Awarded: European Computer Driving Licence (ECDL) Certificate
- Commercial Till management and programs for PDQ card transaction system
- Training for setting up Kiosk for data analytic from customers' survey
- Training for re-programming handheld stock taking machine for commercial services.

PROGRAMMING SKILLS

Programming: Python, PHP, VB.NET, C#, Java (Eclipse)

Web Programming: XHTML, CSS, XML, PHP, JavaScript, AJAX, AGILE SOFTWARE, DJANGO-PYTHON

Statistical Computing: R, SPSS, NVivo

Databases: MySQL, APACHE SERVER APPLICATION, POSTGRESQL, PSYCOPG2

Visualisation: MATLAB, MATHEMATICA, ADOBE PHOTOSHOP

Text Editors: LATEX, EDMONDO, SUBLIME, MONODEVELOP

IDEs : VS CODE, SPYDER, ECLIPSE-WORKSPACE, VIM, VI, KOMODO EDIT

Operating Systems: WINDOWS, UBUNTU, LINUX, MAC OS

Server side: UBUNTU & LINUX INSTALLATION, WEB BASE CONFIGURATION,SERVER MANAGEMENT

Video Editing Software: CAMTASIA,iMOVIE,VIMEO

Voice Editing Software: AUDACITY

COMPLETED PROJECT

(1) **Air Traffic System**
     (Developed in: VDM, MySQL, .NET)
(2) **Student Employability**
     (Developed in: ASP.NET, VB.NET and MySQL (Visual studio enterprise edition)
(3) **Adaptive Platform**
     (Developed in: MS Visual Web Developer Package)
(4) **Reusable projects** [such as: (1) Incubator monitor system; (2) Set & Sequence Operations; (3) Calculating Students' Marks;   (4) Personal Web-Browser]
     (Programming languages use for the development, .NET, MS Web Developer Package)
(5) **Client Cases Project**
     (Developed in: WPF, Silverlight, Visual studio .Net, SQL)
(6) **Machine Learning** gene prediction website (Python-Django) ---   2018
(7) Research Group Website page   2018

ADDITIONAL SKILLS & EXPERIENCE

OFFICE & OTHER APPLICATIONS SKILL LEVELS
MS Word (Advance), Access (Advance), Excel (Advance), PowerPoint (Advance), Project (Advance), Visio (Intermediate), Visual studio (Advanced), Networking skills (Advanced), Outlook (Advance), Wordpress-CMS (Advanced), Server installation & management skills (Advanced).

SOFTWARAE PROGRAMMING SKILL LEVELS
Python-Django(Advanced), VB6 (Advance), VB.Net (Advance), Rational Rose (Advance), Java (Basic), Prolog (Advance), C++/C (Basic), MATLAB (Advanced), Website Design (Advance), SQL (Advanced), Dreamweaver CSS6 (Advance), HTML (Advanced), WPF (intermediate), R (Advanced), Python (Advanced), PHP (advanced), JavaScript (advanced), Photoshop (Advanced), Java Eclipse (Advanced), C#(Advanced), Adobe Photoshop (Advanced), Adaptive Web development (Advanced), NVivo (Advanced), VMWare, ThinOS, Linux System (Advance), Latex (Advanced), Terminal emulator (Advanced), Mobile Handhelds System configuration (Advanced), Raspberry Pi System configuration (Advanced), Digital Signage system (Advanced), Commercial Till system and PDQ Machine configuration (Advanced), R Programming (Advanced),VS code (Advanced), Spyder Python(Advanced),Ubuntu OS server (Advanced), Linux (Advanced), Eclipse (Advanced),PostgreSQL (advanced), Wordpress (Advanced), Data Encryption & Decryption Techniques (Advanced), Data Transfer from SFTP server to FTP server (Advanced).

SPECIALIST SUPPORT

- Using statistical analysis tools (Stata, R)
- web development (HTML & CSS, DJANGO)
- programming (Matlab, Python, Java)
- qualitative analysis software (Nvivo)
- formatting longer documents (LaTeX)
- database design (Access, SQL,Sqlite, PostgreSQL)
- graphics and image manipulation (Photoshop)
- Operating systems (Ubuntu, Linux, Unix, Windows)
- bibliographic software (EndNote, Zotero)

PROFESSIONAL MEMBERSHIPS
Association for Learning Technology (ALT) - Associate member
Computing At School (CAS) - Member
Institute of Engineering & Technology (IET) - Member
International Association of Educators and Researchers (IAER) - IAER Fellow
Higher Education Academy(HEA) - Associate Fellow

INTEREST & ACHIEVMENT

Updating software, troubleshooting laptops and maintaining computers. Designing of websites and web browsers using .Net 2008/2010 skills, PHP, Java, CSS, Photoshop, HTML . Software development using .Net and SQL, MySQL, Apache server and Postgresql. Interacting and using motivational\communication skills to meet new people. My hobby is in **Solving Mathematics, Computer Programming, Car Driving and Playing Piano**.

STRENGTHS

I have the ability and skills to complete a task using different ways and approaches. I constantly improve on my automated approach to solutions and designs.

WEAKNESSES

Not enough satisfaction in completed task, frequently want to improve the task outcomes at all times and every now-and-then.

CONFERENCES & PUBLICATIONS

1   **D.F.O. Onah,** J.E. Sinclair (2018) An innovative MOOC platform: The implications of self-directed learning abilities to improve motivation in learning and to support self-regulation.(Accepted)

2   **D.F.O. Onah,** J.E. Sinclair & E.L.L. Pang (2018) Cognitive optimism of distinctive initiatives to foster self-directed and self-regulated learning skills: A comparative analysis of conventional and blended-learning in undergraduate studies. (Accepted)

3   **D.F.O. Onah,** J.E. Sinclair (2018) Investigating Self-Regulation in the context of a Blended-Learning Computing Course. (Accepted)

4   **D.F.O. Onah,** J.E. Sinclair (2018 An Investigation of Self-Regulated Learning in a Novel MOOC Platform (Journal-submitted)

5   Juan A. Botía, Sebastian Guelfi, Karishma D'Sa, Regina Reynolds, David Zhang1, **Daniel Onah**, Henry Houlden*, Genomics England Curators , John Hardy and Mina Ryten (2018) G2P: Using machine learning to understand and predict genes causing rare neurological disorders. (Draft manuscript -Nature Journal).

6   **D.F.O. Onah,** J.E. Sinclair & E.L.L. Pang (2018) A metacognitive instructional approach and self-reflection: reflective practice from a computer science perspective, The 12th Annual International Technology, Education and Development Conference (INTED2015) , Valencia, Spain. 5th- 7th of March, 2018.

7   Anthony Ijeh, Ahmed Al Masri, Manal Nasir, Ahmed Bin Tough and **Daniel Onah** (2017) Smart Adaptable Road Navigation System. The 1st American University in the Emirates International Research Conference Conference (AUEIRC 2017), Dubai, 16 – 17 November 2017.

8   **Onah, D. F.O.** (2017) Investigating self-regulated learning in massive open online courses : a design science research approach. Thesis (Ph.D.)

9   **Onah, D. F. O.** and Sinclair, J. E.. 2017. A Multi-dimensional Investigation of Self-regulated Learning in a Blended Classroom Context: A Case Study on eLDa MOOC. In, M.E. Auer et al. (eds.), Interactive Collaborative Learning, Advances in Intelligent Systems and Computing, pp. 63-85, 545, Springer International Publishing AG.

10 **Onah, D.F.O.** and Sinclair, J.E. (2017). Assessing self-regulation of Learning Dimensionsnin a Stand-alone MOOC Platform. International Journal of Engineering Pedagogy (iJEP), Vol.7, No.2. pp. 4 -21. eISSN: 2192-4880

11 **Onah, D. F.O.** and Sinclair, J.E., Boyatt, R. (2015) Forum Posting Habits and Attainment in a Dual-Mode MOOC. International Journal for Cross-Disciplinary Subjects in Education (IJCDSE), Special Issue Volume 5, Issue 2, ISSN 2042-6364 (IJCDSE2015). Pages 2463 - 2470. United Kingdom. 5th December 2015.

12 **Onah, D. F.O.** and Sinclair, J.E. (2016) A Multi-Dimensional Investigation of Self-Regulated Learning in a Blended Classroom Context: A Case Study on eLDa MOOC. In the 19th International Conference on Interactive Collaborative Learning (ICL2016), Belfast, United Kingdom. 21 st – 23 rd September 2016.

13 **D.F.O. Onah**, J.E. Sinclair (2016) Exploring Learners' Strategies of Self-Regulated Learning Abilities in a Novel MOOC Platform: eLDa. The 23rd Annual Conference of the Association for Learning Technology (ALT2016). University of Warwick, United Kingdom. 6th – 8th September 2016.

14 **Onah, D. F.O.** and Sinclair, J.E. (2016) An Empirical Investigation of students' perceptions of self-regulated learning in Online Blended Learning: A case study of a Novel E-Learning Platform.

In Proceedings of the 8th International Conference on Education and New Learning Technologies (EDULEARN16), pp.5960 - 5969. Barcelona, Spain. 4th-6th July, 2016.

15 **Onah, D. F.O.,** Sinclair, J.E., Pang, E.L.L. and Jantjies, M. (2016) Exploring the multi-dimensional attainment of self-regulatory learning skills in educational contexts: A comparative study. In Proceedings of the 8th International Conference on Education and New Learning Technologies (EDULEARN16), pp.5970 - 5979. Barcelona, Spain. 4th-6th July, 2016.

16 **Onah, D.F.O.** & Sinclair, J.E. (2016). Design Science MOOC: A Framework of Good Practice Pedagogy in a Novel E-Learning Platform eLDa. In Proceedings of the 28th EdMedia: World Conference on Educational Media and Technology (EDMEDIA2016), (pp. 511-518). Association for the Advancement of Computing in Education (AACE).Vancouver, British Columbia, Canada: June 28th - 30th, 2016.

17 **Onah, D. F. O.** and Sinclair, Jane (2015) Measuring self-regulated learning in a novel e-learning platform: eLDa. In: Koli Calling : International Conference on Computing Education Research, Koli, Finland, 19-22 Nov 2015. Published in: Proceedings of the 15th Koli Calling International Conference on Computing Education Research. Pages 167 - 168. ACM New York, NY, USA, ISBN : 978-1-4503-4020-5. ACM

18 **D.F.O. Onah**, J.E. Sinclair (2015) *Learning as a Perspective of Reflective Practice in Computer Science*. The 22nd Annual Conference of the Association for Learning Technology (ALT2015). Manchester, United Kingdom. 8th – 10th September 2015.

19 **D.F.O. Onah**, J.E. Sinclair (2015) *Learners Expectations and Motivations using Content Analysis in a MOOC*. In the Proceedings of 27th Annual World Conference on Educational Media and Technology (EDMEDIA2015),(Vol. 2015, No. 1, pp. 185-194). Association for the Advancement of Computing in Education (AACE). Montreal, Quebec, Canada. 22nd – 24th of June, 2015.

20 **D.F.O. Onah**, J.E. Sinclair (2015) *Massive Open Online Courses: An Adaptive Learning Framework*, In Proceeding of the 9th International Technology, Education and Development Conference (INTED2015) , pp. 1258-1266..Madrid, Spain. 2nd-4th of March, 2015.

21 **D.F.O. Onah**, J.E. Sinclair (2015) *Collaborative Filtering Recommendation System: A Framework in Massive Open Online Courses*, *In Proceeding of the* 9th International Technology, Education and Development Conference (INTED2015) , pp. 1249-1257.Madrid, Spain. 2nd-4th of March, 2015.

22 **Onah, D. F.O**., Sinclair, J.E., Boyatt, R., Foss, J. (2014) *Massive Open Online Courses : Learner Participation*. In Proceeding of the 7th International Conference of Education, Research and Innovation (iCERi2014) , Seville, Spain. 17th - 19th November, 2014.

23 **Onah, D. F.O**., Sinclair, J.E., Boyatt, R. (2014) *Exploring the Use of MOOC Discussion Forums*. London International Conference on Education (LICE-2014). London, United Kingdom. 10th - 12th November, 2014.

24 **Onah, D. F.O.,** Sinclair, J., Boyatt, R. (2014) *Dropout Rates of Massive Open Online Courses : Behavioural Patterns*. In Proceedings of the 6th International Conference on Education and New Learning Technologies (EDULEARN14), Barcelona, Spain. 7th-9th July, 2014.

25 **D.F.O.Onah** (2017) **Self-Regulated Learning in a Blended Computing Course: A Case Study of eLDa MOOC**. Researcher Links Workshop: Higher Education for All. Alagoas , Maceio, Brazil March 20th – 24th.

26 **D.F.O.Onah** (Participant) (2016) Research Students' Education Conference (**RSEC2016**), University of Leeds, United Kingdom. 7th June 2016.

27 **D.F.O.Onah** (2016) **MOOCs and Self-Regulation**. Technology for Learning - An Interdisciplinary Research Network, University of Warwick, United Kingdom. 13th May 2016.

28 **D.F.O.Onah** and J.E. Sinclair (2015) **Experimental Research in Two Cohorts of Learning: A Case Study of eLDa**. In the 4th Annual ESRC DTC Conference. Nottingham University, United Kingdom. 28th October 2015..DTC PT

29 **D.F.O. Onah**, J.E. Sinclair (2015) **Exploring User Choice and Self-regulated Learning in a Novel E-learning Platform (eLDa)**. The 2nd Annual Workshop on the Network on Computational Statistics and Machine Learning (NCSML2015), University of Warwick, United Kingdom. 3rd – 4th September 2015.Abstract .Poster.

30 **D.F.O. Onah**, J.E. Sinclair (2015) **eLDa : A Guided Adaptive Interactive MOOC System**. The 1st Annual Postgraduate Research Poster Presentation, The University of Warwick, United Kingdom. 10th June, 2015. Poster.

31 **Onah, D. F.O.**, Sinclair, J., Boyatt, R., Foss, J. (2014) **Classification of Computing for Teachers (CfT) MOOC: Age and Gender Demographic**. In Proceeding of the 1st WMG Doctoral Research and Innovation Conference (WMGRIC2014), Warwick, United Kingdom.DOCZ.IO. 10th - 11th July, 2014.

Application Summary - Daniel F.O Onah - 12537 (Web Developer/Researcher: Mapping Museums Project)

Personal Details

Username	d.onah@ucl.ac.uk	**E-Mail**	d.onah@ucl.ac.uk
Preferred Mail Type	Email	**Title**	Dr
First Name(s)	Daniel F.O	**Last Name**	Onah
Current Job Title	Software Developer	**Current Employer**	University College London
Current Salary	32280		
Address 1	Flat 9 Cassio House Watford		
Address 3	Hertfordshire		
Country	United Kingdom		
Postcode/Zip	WD18 7AQ	**Notice Period**	one weeks
Work Telephone Number	07552128881	**Person Type**	Experienced application (CV only)
Sourced From	Jobs.ac.uk-auto		

Referees

First name	Jane	**Surname**	Sinclair
Title	Dr		
Address			
Department of Computer Science			
Coventry		**Position Title**	Associate Professor
City	West midlands	**Organisation Name**	The University of Warwick
Country	United Kingdom	**Work Phone No**	+44 24 765 23986
Postcode	CV4 7AL	**E-mail**	j.e.sinclair@warwick.ac.uk

First name	James	**Surname**	Uhomoibhi
Title	Dr		
Address			
School of Engineering			
Belfast		**Position Title**	Lecture in Engineering
City	Northern Ireland	**Organisation Name**	Ulster University
Country	United Kingdom	**Work Phone No**	+44 28 9036 8976
Postcode	BT37 0QB	**E-mail**	j.uhomoibhi@ulster.ac.uk

Volume Questions

Section - References
Once you have provided the names of two referees, you may use this box to give the names of those referees you do not wish us to contact without your permission.

Application Questions

Please confirm below that you have uploaded a CV in the required section
Yes
Please indicate why you are interested in applying for this job and specify how your skills, experience and qualifications make you suitable.

Please refer to the full job description and person specification as necessary.

This section is restricted to 4000 characters (approximately 650 words). Should you wish to, you can attach a continuation sheet.

SOFTWARAE PROGRAMMING SKILL LEVELS
Python-Django(Advanced), VB6 (Advance), VB.Net (Advance), Rational Rose (Advance), Java (Basic), Prolog (Advance), C++/C (Basic), MATLAB (Advanced), Website Design (Advance), SQL (Advanced), Dreamweaver CSS6 (Advance), HTML (Advanced), WPF (intermediate), R (Advanced), Python (Advanced), PHP (advanced), JavaScript (advanced), Photoshop (Advanced), Java Eclipse (Advanced), C#(Advanced), Adobe Photoshop (Advanced), Adaptive Web development (Advanced), NVivo (Advanced), VMWare, ThinOS, Linux System (Advance), Latex (Advanced), Terminal emulator (Advanced), Mobile Handhelds System configuration (Advanced), Raspberry Pi System configuration (Advanced), Digital Signage system (Advanced), Commercial Till system and PDQ Machine configuration (Advanced), R Programming (Advanced),VS code (Advanced), Spyder Python(Advanced),Ubuntu OS server (Advanced), Linux (Advanced), Eclipse (Advanced),PostgreSQL (advanced), Wordpress (Advanced), Data Encryption & Decryption Techniques (Advanced), Data Transfer from SFTP server to FTP server (Advanced).

Branching Questions

Do you currently have the right to live and work in the UK?
Yes
You have indicated that you have the right to live an work in the UK, is this because you:
hold a Dependent Work Permit

Sanket Shinde

Full Stack Developer (.NET with Angular), BE Computer Science

+919404227135, sanketshinde7@gmail.com
My Website | My GitHub Repo | LinkedIn Profile

I wish to be a part of an organization with dynamic environment to utilize my skill set and knowledge to achieve personal as well as professional growth with organization.

Professional Work Experience *(4 Years)*

Current Organization: Mazak India Pvt. Ltd. (11 Months)
Role and Designation: Technical Lead
Environment: Team Management, Agile Methodology, .NET Framework, .NET Core, C#, WCF, Web API, HTML5, JQuery, Angular 4 and SQL.

Previous Organization: Tavisca Solution Pvt. Ltd (3.1 Years)
Role and Designation: Senior Software Developer
Environment: C#, WCF, Web API, Angular JS, HTML5, jQuery and SQL.

Internship: Nvidia Pvt. Ltd.
Role and Designation: .NET Intern
Environment: C#, MVC, HTML5, CSS3, Bootstrap, JQuery and SQL.

Responsibilities:
- Designed and Developed .NET web application as Team Lead from scratch in **UK(London) and Japan** for monitoring data on complex MAZAK CNC machines. Now this software is getting used worldwide for managing CNC data.
- **Developing and Managing** .NET applications by designing architecture of system and guiding team for the same.
- Working closely with **Design patterns and Architecture** of software products.
- Building efficient .NET applications which communicates with **CNC machines**.
- **Travel API Development**, Requirement & Business **Analysis**, Client **communication**
- Quality work delivered in *Travel* **domains**.
- **Responsive** web app designing using **HTML5,** CSS3, **Bootstrap** framework
- Work experience with large teams in **.NET Framework**, **Repository Pattern**, Jscript & **JQuery**, **Agile** Practices, **LINQ,** Build Integration.
- Writing stored procedure and triggers for data management

Projects

#1 Smooth Tool Management and MAZAK API :
> *Description :* STM provides platform for managing different types of tools used in CNC machines. It handles processes from reading the data from Chip to Transferring that data to NC controller. We started developing this project in UK from the scratch and successfully launched it in Japan within span of 5 months.

1

Currently this product is used all over the world for managing tools for Mazak machines.

#2 Travel API

Description : CLTS Travel API provides API's for responsive travel websites mainly used for redemption of points earned on use of credit cards for purchasing travel. Also user can use their credit cards to purchase travel. It provides API's to be consumed by web sites to book itineraries and it is integrated with over 40 travel inventory suppliers.

#3 Enable Self Service

Description: 1. Air Void: Void Air tickets if it falls within the configured void window and Cancel if it does not fall within the configured void window.
2. Hotel Non-Refundable: Goal of this project is to show non-refundable policies for the hotel rooms which are non-refundable and to show supplier specific configured policies for refundable rooms on Result, Checkout and Confirmation page.
3. Cancel Hotel, Car and Activity Bookings: The goal of this project is to enable the customer to Cancel Hotel, Car and Activity bookings.

#4 CLTS Travel Portal (ORXe 2.0)

Description: 1. CLTS Travel Portal provides responsive travel websites mainly used for redemption of points earned on use of credit cards for purchasing travel. Also user can use their credit cards to purchase travel.
2. It provides online booking engine with a shopping cart based flow for booking travel itineraries and it is integrated with over 40 travel inventory suppliers.

#5 BizConnect (Travel BackOffice)

Description: 1. BizConnect is core product offering from Tavisca which targets basic requirements of any online booking website like managing customer's profiles, booking reports, booking details, managing emails.
2. Reports were mainly generated on reporting warehouse from existing data.

#6 Update Template Automation

Description: UTA is a tool developed by me in order to automate work updating large number of templates with very few steps. It helped all my team members to save their valuable time.

Technical Exposure

Area of Expertise	Other	Tools & Interfaces	Introduced to	Certifications
1. C# 2. .NET Framework 3. Web API 4. MVC	1. HTML5, CSS3 and Bootstrap 2. JavaScript & jQuery 3. Agile Practices	1. VS 2017 2. VS Code 3. SVN, TFS 4. JIRA Tool 5. GitHub	1. Repository Pattern 2. Grunt 3. .NET Core 4. Ionic	1. C & C++ from SEED 2. MongoDB for DBA M102(In Progress)

2

5. WCF 6. SQL 7. Angular 4	4. LINQ 5. Entity framework 6. Pub Sub 7. XML		5. Entity Framework Core 6. Redux in Angular	

BE Project #1: Cubicle Management System using K-Means Algorithm' - *Sponsored by NVIDIA, Pune.*

    Tools & Technologies: C#.NET, SQL Server 2008

    Description: Cubicle manager in which admin can view currently allocated cubicle, rearrange employees in cubicles floor wise, View cubicle schedule and cubicle accessories details.

Educational Qualification

College: PES Modern College of Engineering, Pune University

Exam	University	Year of Passing	Percent
BE	Pune	2014	*68.00%*
H.S.C	Pune	2010	*80.00%*
S.S.C	Pune	2008	*92.46%*

Professional and Personal Skills

Professional Skills

Good team player, Good communicator, Logical analyzer, Quick learner

Personal Skills

Self-Motivated, Highly flexible, Adaptive nature, Creative & confident individual

Personal Information

Date of Birth: 14/07/1993
Address: Shivsagar, S.No 228/2, Nisarg Society, Vidhate Vasti, D.P Road, Baner
Pune - 411007
Passport No: N0095710
PAN No: FDEPS2399N

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge.

Date: **Signature**

3

Application Summary - Sanket Shinde - 12537 (Web Developer/Researcher: Mapping Museums Project)

Personal Details

Username	sanketshinde7@gmail.com	**E-Mail**	sanketshinde7@gmail.com
Preferred Mail Type	Email	**Title**	Mr.
First Name(s)	Sanket	**Last Name**	Shinde
Current Job Title	Full Stack Web Developer	**Current Employer**	Yamazaki Mazak Pvt Ltd
Current Salary	0		
Address 1	Shivsagar,Nisarg Society, Vidhate vasti, D.P Road, Pune		
Address 3	Maharashtra		
Country	India		
Postcode/Zip	411007	**Notice Period**	1 Month
Work Telephone Number	+91 8600030033	**Person Type**	Experienced application (CV only)
Sourced From	Jobs.ac.uk-auto		

Referees

First name	Sneha	**Surname**	Lande
Title	Miss		
Address			
		Position Title	QA Lead
		Organisation Name	Tavisca Solutions Pvt Ltd
		Work Phone No	+919860866121
		E-mail	snehalande911@gmail.com

First name	Sandeep	**Surname**	Kumbhar
Title	Mr.		
Address			
Pune			
City	Maharashtra	**Position Title**	Assistant Manager
Country	India	**Organisation Name**	Yamazaki Mazak Pvt Ltd
Postcode	411007	**Work Phone No**	+91 8411800995
		E-mail	sandeepkumbhar007@gmail.com

Volume Questions

Section - References
Once you have provided the names of two referees, you may use this box to give the names of those referees you do not wish us to contact without your permission.

Application Questions

Please confirm below that you have uploaded a CV in the required section
Yes. I have uploaded my CV in given section.
Please indicate why you are interested in applying for this job and specify how your skills, experience and qualifications make you suitable.

Please refer to the full job description and person specification as necessary.

This section is restricted to 4000 characters (approximately 650 words). Should you wish to, you can attach a continuation sheet.

I am passionate full stack web developer looking for international exposure to expand my skill set and help organisation to achieve its goals. This opportunity sounds great and challenging where I can create impact by developing dynamic websites using latest technologies and transforming current projects to stable state.

Branching Questions

Do you currently have the right to live and work in the UK?
No
Birkbeck may be able to sponsor this appointment under the skilled worker category (Tier 2). We can do this for people coming to the UK to fill a gap in the workforce that cannot be filled by a settled worker. Please visit UK Visa's and Immigration to check that you are eligible to apply for a Tier 2 visa. If you are successful in your application for this job our HR team will contact you with the details on the sponsorship process.

An accomplished Software Engineer specialising in web and non web based client / server solutions. I have spent more than 20+ years involved in the design, development and maintenance of websites both in the academic and private sector.

- Am well versed in the latest web development technologies, including HTML, CSS, JavaScript and have developed many user interfaces for web applications.

- Am well versed in the latest web development frameworks, including Laravel 5+ (PHP), Django (Python), React, node.js, JQuery, Bootstrap

- Am skilled in a variety of different databases, including PostgreSQL, MySQL and noSql.

- Have created data visualisation graphs, charts, timelines, maps using D3 library and leaflet maps.

- Tested and troubleshot all Web functions to ensure optimal user experience. Ensured all code was Section 508 and standards compliant where possible.

- Work with version control (git) and deployment tools.

- Can successfully collaborate and efficiently communicate with project stakeholders to bring their vision to digital reality.

- Able to work both independently and collaboratively to meet deadlines.

- Some of my previous employers: University College London, Imperial College, Greenwich University, Getty Images, Microsoft and many startups.

Thank You,
Rohan Takhar

Rohan Takhar

Email: rtakhar@hotmail.com

An accomplished Software Engineer specialising in web and non web based client / server solutions with extensive experience in the full life cycle of the software design process including object-oriented software design, problem solving, implementation, testing and maintenance. Have a wide knowledge of data collection and Programming methodologies, abstraction and paradigms. I perform effectively either as sole developer, in a team or as the lead and have a proven track record in delivering robust software on time.

Key Skills:

• PHP (Laravel 5+, Zend 1), PHP Unit Testing, JAVA, Python (Scripts, Django, Jupyter), JavaScript, JQuery, CSS, Bootstrap, MDL, SASS, LESS, Spring (STS), JSP, Matlab, Anaconda Python (Numpy, Scikit learn, matplotlib, Pandas, nltk)
• SQL and NoSQL, MySQL, PostgreSQL, Oracle
• API's, CRUD, REST,
• Linux (Mac OS and creating VM's), Apache, Tomcat
• NodeJS, React, NPM, Web Pack, Express
• Mobile Apps: Android, React-native for IOS, Angular ionic framework.

Packages/Frameworks:

Laravel 5+, Zend 1.11,1.12, AngularJS, NodeJS, Photoshop, Openlayers Map, d3 JavaScript visualization library, SQUIZ, Django, React, Ionic

Design Concepts:

Object Orientated design concepts such Model-View-Controller (MVC), Front End Controllers, Page Controllers, Abstract Factory, Prototype, Singleton, Interfaces, AngularJS Routes and Directives. Test and behaviour driven concepts, Web Accessibility Standards, (WAI, ARIA, JAWS)

Teamwork:

I enjoy the challenge of either being the sole developer or leading a team on a project. I prefer a more hands-off leadership approach, trusting in oneself and one's colleagues. I believe myself to be a team player. I have

experience in leading small teams of developers at a technical level. I am versed in **Agile methodology and SCRUM Methods**.

Career History*

* Note: Gaps in work history are spent travelling.

Systems/Database Developer (fixed contract)

UCLH University College London Hospital

Jan 2017 – Present
London, United Kingdom

- System/Database for Dementia Research Data Collection with web front end.
- Laravel 5+, MySQL, PostgreSQL, JSON data Structures, React, Ionic, Python, native es6 JavaScript. SASS
- Web interface for data upload/download in many formats (Csv, json, xml)
- Provide a dynamic form builder to collect data (HTML, CSS, Javascript)
- Provide a dynamic query builder to search/download queries to data
- Python scripts creation of datasets.
- Python scripts for simple analysis of dementia data collected.
- Python scripts for text mining/classification of dementia related journals

Applications Developer

Imperial College University of London

Oct 2015 – Sep 2016
London, United Kingdom

- Complete rewrite of EpiCollect, A Mobile/Web Application for Smart Phone Data Collection.
- Laravel 5+, MySQL, PostgreSQL, JSON data Structures, React, Ionic, Python, native es6 JavaScript. SASS
- Ionic Framework, WebPack, Babel. NPM, Node, Gulp
- Leaflet maps for displaying large geo graphical dataset
- D3 for simple statistics on data collected
- React front end for dynamic query builder to view data
- Python scripts creation of datasets.

Assistant Web Development Officer (Fixed Term Contract)

University of Greenwich

May 2015 – Sep 2015
London, United Kingdom

- Site Revamp : Refactor Code, System Architect and Database Schema re-design
- SQUIZ (CMS) Enchantments and Bug fixes, using PHP, JavaScript, REST.
- Front End Components with native JavaScript.
- Front End, HTML5, LESS, SASS, Bootstrap, CSS Media Queries.
- Back End, PostgreSQL.

Software Engineer

Dharmamaps

Sep 2014 – Jan 2015

Seattle USA

- Front End HTML 5, CSS 3, LESS, JavaScript, JQuery, Bootstrap 3, AngularJS.
- OpenLayer Maps, d3.js
- Backend NodeJS, PHP to produce JSON files from MySQL.
- PostGIS, PostgreSQL, mapTiles.
- Basic unit test with Jasmine.
- Custom Python recipes, Django for trail maps, produce profiles from datasets for maps.

Freelance Web Developer

Real Networks

Mar 2014 – Mar 2014

London, United Kingdom

- Multi-language, Responsive Design Coding for website.
- Front End HTML 5, CSS 3, LESS, JavaScript, JQuery, Bootstrap 3, AngularJS.
- Back End PHP 5, MySQL
- Jira, Agile and Scrum methodologies.

Freelance Developer

Queen Mary, University of London

Jan 2013 – Sep 2013

London, United Kingdom

- School of Electronic Engineering and Computer Science.
- Tools: Java, Zend 1.11, PHP5, Dojo, JQuery, HTML5, CSS3, PostgreSQL, Expression Engine 2, CodeIgniter, Node.js, AngularJS, Perl
- Bug Fixes, enhancements and New Tools for Department INTRANET and websites.
- Responsive design implementation for School web site.
- Python Scripts for data analysis.

Freelance Developer

City Energy

May 2012 – Jul 2012

Cardiff, United Kingdom

- Developed a CMS based system to manage tenders, bids, contractors for Green Energy Initiative. Custom built Front End and Back End System.

- Worked on the full product life cycle. Identified and streamlined tender and bids workflow, outlined project requirements, developed architecture, wrote and tested modular components, database schema, tested system for quality, built and installed system with Zend 1.11, PHP 5, SMARTY, HTML 5, CSS 3.
- Permissions based system, admin module and user modules depending on roles and user type.

Web Data Developer

Microsoft

Nov 2010 – Feb 2011

Greater Seattle Area, USA

- Azure team. HTML5, CSS, PHP 5, MYSQL, SOAP, ZEND Modifications, enhancements, bug fixes for Microsoft LUX system.
- System provides statistics on web request from multiple data servers.

Site and Android App Developer on Contract

Green Trails Maps

Dec 2009 – Oct 2010

Greater Seattle Area, USA

- • Tools: Android, Java, Eclipse, Map Projections Libraries.
- • Android Market App, offline Trail Maps with GPS positioning.
- • Developed App for scrollable, zooming map tiles, using different map projections and GPS for Android market.
- • Tools: PHP, HTML, JavaScript, XML, CSS, MYSQL, SMARTY, PayPal, Zend
- • Developed a web based system to view, share, sell and administer trail maps. Download datasets for Mercator projection. PostGIS, PostgreSQL, map Tiles

Developer, On Contract

Enter the Studio

Apr 2009 – Oct 2009

Greater Seattle Area, USA

- Tools: PHP 5, Python, MYSQL, JavaScript, JQuery, Ajax, HTML, Smarty, CSS.
- Project : Developed a multi-lingual, international access web based project management tracking system to view, share and administer large scale industrial projects with components ranging from 1 to 500+ items using
- Project : Developed a multi-lingual web based incident management system to view, share and administer workplace accidents

North American IT Director

Amana America Inc

Nov 1998 – Jul 2001

New York, USA

- Involved in design, develop, implementing and maintaining a secure and searchable web site, allowing clients to access all stock photos, create light-boxes, download images via FTP, communicate with sales reps and provide online reporting system for sales reps and senior management, for all North American offices.
- Created and implemented solutions for conceptual searches.

North American IT Director

Getty Images

Jul 1995 – Sep 1998
Chicago, USA

- Involved in design, develop, implementing and maintaining a secure and searchable web site, allowing clients to access all stock photos.
- Network and systems set up for all North American offices.
- Admin tools and reports for sales reps and senior management.
- Created and implemented solutions for conceptual searches.

Computer Systems Manager Fixed Satellite Group

RadioCommunications Agency

Oct 1987 – May 1995
London, United Kingdom

- Designed and developed U.K. satellite and radio database using ORACLE V6 as RDBMS and FORMS V3 as front end application.
- Developed library of routines/tools to load radio data from other European Agencies using SQL*Loader.
- Developed tools to perform complex interference and sharing analysis between radio systems using SQL, PL/SQL and Pro*Fortran.
- Managed graduate trainee engineers.

Application Summary - Rohan Takhar - 12537 (Web Developer/Researcher: Mapping Museums Project)

Personal Details

Username	rtakhar@hotmail.com	**E-Mail**	rtakhar@hotmail.com
Preferred Mail Type	Email	**Title**	Mr
First Name(s)	Rohan	**Last Name**	Takhar
Current Employer	University College London	**Current Salary**	36
Address 1	3 Manorial Road, Sutton Coldfield Birmingham		
Country	United Kingdom		
Postcode/Zip	B75 5UD	**Home Telephone Number**	07507263183
Person Type	Experienced application (CV only)	**Sourced From**	www.bbk.ac.uk [EXT]

Referees

First name	Suzie	**Surname**	Barker
Title	Ms		
Address			
First floor, 8-11 Queen Square			
London		**Position Title**	Research Governance Manager
Country	United Kingdom	**Organisation Name**	Dementia Research Centre UCL
Postcode	WC1N 3BG	**Work Phone No**	+44 (0)20 3448 4773
		E-mail	suzie.barker@ucl.ac.uk

First name	Jonathan	**Surname**	Rohrer
Title	Dr		
Address			
First floor, 8-11 Queen Square			
London		**Position Title**	Honorary Consultant Neurologist
Country	United Kingdom	**Organisation Name**	Dementia Research Centre UCL
Postcode	WC1N 3BG	**Work Phone No**	+442034484773
		E-mail	j.rohrer@ucl.ac.uk

Volume Questions

Section - References
Once you have provided the names of two referees, you may use this box to give the names of those referees you do not wish us to contact without your permission.

Application Questions

Please confirm below that you have uploaded a CV in the required section
Have uploaded CV and cover letter
Please indicate why you are interested in applying for this job and specify how your skills, experience and qualifications make you suitable.

Please refer to the full job description and person specification as necessary.

This section is restricted to 4000 characters (approximately 650 words). Should you wish to, you can attach a continuation sheet.

It's all about the Challenge for me.

How to bridge the gap between design and development code?

How to create something not just with written content but also a visual context, the 'presentation' of content that improves the delivery of the message, the use of imagery, colour, space, charts, dynamic interfaces and a pleasant user experience.

I love museums, its an effective way of learning, engaging and inspiring the community.

• Am well versed in the latest web development technologies, including HTML, CSS, JavaScript and have developed many user interfaces for web applications.

• Am well versed in the latest web development frameworks, including Laravel 5+ (PHP), Django (Python), React, node.js, JQuery, Bootstrap

• Am skilled in a variety of different databases, including PostgreSQL, MySQL and noSql.

• Have created data visualisation graphs, charts, timelines, maps using D3 library and leaflet maps.

• Tested and troubleshot all Web functions to ensure optimal user experience. Ensured all code was Section 508 and standards compliant where possible.

• Work with version control (git) and deployment tools.

• Can successfully collaborate and efficiently communicate with project stakeholders to bring their vision to digital reality.

• Able to work both independently and collaboratively to meet deadlines.

Branching Questions

Do you currently have the right to live and work in the UK?
Yes
You have indicated that you have the right to live an work in the UK, is this because you:
are a British, Swiss or EEA national

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