

Talent recruitment and acquisition professional with experience developing

Diverse Placements: I performed technical software developments in areas including:

Optimization Algorithm Data Analysis	Software development life cycle	Conceptualization Modeling	Full Stack Development Relational Database
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Software Development Skills: Cloud Platform (AWS), Data Structure and Algorithm, Git, Emacs, Jupiter Notebook, UNIX, Networking basics, Asana, Trello

Interpersonal Skills: Relationship Management, Logical thinking & Complex Problem Solving, Lobbying, Leadership, Active listening & Flexibility

Computer programming and coding: Python, Ruby on Rails, JavaScript, C#.Net, ASP.net, VHDL, Jira, BugTracker, VBA, UML, Matlab, Haskell*

PROFESSIONAL EXPERIENCE

European Council for Nuclear Research (CERN) - IdeaSquare 📍 Geneva, Jan 2018 - Present (2 year 4 mths)

Serial Learner, Deep Tech Innovation, Design Engineer

- **Research & Innovation Development:** Designed a novel solution, called *New Alexandria* for collaborative documentation of breakthrough innovations using Distributed Ledger Technology, ML & Graph Search Algorithms
- **Collaboration Establishment:** Established different collaboration with NGOs, Corporations and International organizations, among them a collaboration between Akasha Foundation and CERN IdeaSquare for a €1 million grant
- **Design and Facilitation Support:** Designed, Organized and Facilitated Senior International Workshop using collective intelligence and Design thinking tools
- **Business intelligence analysis:** Co-designed and engineered a 5 year strategy for CERN IdeaSquare

University of Geneva/-Citizen CyberLab 📍 Geneva, Switzerland, 2017 to 2019, 35%, (2 year 2 mths)

Research Assistant and Program Coordinator

- **Research and Assessment:** Assessed & Researched more than 15 online existing documentation platform and surveyed users experiences to find the best way to document online
- **Reporting & Analysis:** Produced a research investigation report and recommendations for future development
- **Software Development:** Adapted a collaborative online documentation platform from MIT called [SDGinProgress](#). I programmed and maintained the code in Ruby on Rails, jQuery, JavaScript, PostgreSQL, solr search engine

eResearch Technology, Inc. 📍 Geneva, Switzerland, 2016 to 2017, 50%, (1 year 1 month)

Software Developer and Project Manager Assistant

- **Testing, Analysis and Concept Engineering:** Tested, Analysed and reviewed the existing Excel VBA solution. I also framed the project, collected the data, & selected actions based on user needs & preferences
- **Software Development and Team Management:** Build an automatized web app system (MVP) in collaboration with 2 full stack developers; tested it with users and reported future recommendation for further development
- **Acquired Skills:** Functional Design, UML Modeling, Macro VBA, Python, Django, MySQL, HTML, CSS, JS

World Economic Forum 📍 Geneva, Switzerland, Mar 2016 to June 2016, 40%, (4 mths)

Data Migration Engineer

- **Software Development:** Developed and resolved the backup. I restored the data from old system and did the data migration for the new iOS system. **using the following technologies:** Python, MySQL, OS, MS-Office, ATOM IDE

VINCI Energies 📍 Geneva, Switzerland, Mar 2013 to Aug 2013, Thesis Project (6 mths)

Junior Technical Project Manager

- **Concept Engineering:** Researched and well-conceptualized an Internal Enterprise Content Management web app system that replaced Lotus. I **collaborated** with a team of full stack web developers to **develop the solution**. I tested it and **created** a user friendly tutorials for more than 80 users. I used for the latter, **VB.net, Jira and SmartSheet**

INTERNSHIP

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Oger International ♣ Jeddah, Saudi Arabia, Jul 2012 - Sept 2012, Intern, (3 mths)

Industrial Engineering Assistant

- Installed & programmed sensor alarm system in VHDL, Testing & validation using VHDL, LabView

HaririMed ♣ Beirut, Lebanon Jun 2011 to Aug 2011, Intern, (3 mths)

Software Developer/Backend

- Developed user controls (ASP.net, BugTracker) for a medical center, Data Cleansing (SQL SIS) for 400k patients

CISCO ♣ Tripoli, Lebanon, Mar 2008 to May 2008, Intern, (3 mths)

- Trainee for CISCO Hardware and Software . CISCO Certification in Networking, CCNA1, CCNA2 and CCNA3

EDUCATION

University of Geneva, M.Sc. Computer Science ♣ Geneva, Switzerland, Nov. 2018

- Most Acquired Knowledge in: Algorithms and Parallel Computing, Stochastic Information Processing, Semantics, Modeling & Verification, Theoretical Computer Science, Machine Learning, Data Mining and Information Retrieval
- Research & Development: Submitted a thesis on *Comparing Digital Platforms for Challenge-based Learning*

University of the Littoral Opal Coast, M.Sc. Electrical Engineering ♣ Lille, France, Aug. 2014

- Most Acquired Knowledge in: Digital electronics, , Optoelectronics, Electromechanics, Electromagnetism

University of the Littoral Opal Coast, M.Sc. Industrial Information Technology ♣ Lille, France, Aug. 2013

- Most Acquired Knowledge in: Industrial data processing, Predictive analytics, modelling, Signal & Image Processing

Lebanese University, B.Sc. Computer & Communicat° Networks Engineering ♣ Beirut, Lebanon, Aug. 2012

- Research: Submitted a thesis on *Simulation by cellular automata for natural risk management*

SPEAKING ENGAGEMENTS

The Quantum Future, Innovation and Community

- ♣ Shanghai, China, 2019, [The International Telecommunication Union](#) workshop on Quantum Information Technology

CERN Quantum Initiative & Vision for Blockchain for Open Innovation

- ♣ Aarhus, Denmark, 2019, [Aarhus University, Department of Physics and Astronomy](#), private talk for senior researchers

Future Emerging Technologies

- ♣ Shanghai, China, 2018, [Table Unstable KYOTO SCIENCE OUTREACH](#) workshop on Quantum Computers & Blockchain

Blockchain Introduction, Ethereum and Security Challenges. PPT & essay [here](#)

- ♣ Geneva, 2017, Chaired the meetup with Prof. [Bryan Ford](#), leader of EPFL Decentralized/Distributed Systems lab

ENTREPRENEURIAL EXPERIENCES

The Quantum FutureX Initiative - Geneva, Switzerland, 2019

- ✕ An open initiative for forward-thinking people to step forward and collaborate on creating the futures of quantum. It brings hardcore scientists, creatives and industry members to work together on high risk, high reward projects

CERN Quantum Initiative & Vision for Blockchain for Open Innovation

- ♣ Aarhus, Denmark, 2019, [Aarhus University, Department of Physics and Astronomy](#), private talk for senior researchers

Future Emerging Technologies

- ♣ Shanghai, China, 2018, [Table Unstable KYOTO SCIENCE OUTREACH](#) workshop on Quantum Computers & Blockchain

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COMPUTER SKILLS

Legal Software	WestLaw, LawTel, LexisNexis
Other Software	All Microsoft Office programmes, Adobe Suite, L ^A T _E X, some HTML
Systems	Linux, Windows, Mac, Unix

AWARDS AND QUALIFICATIONS

2011	University Education Network Awards
2009	First Aid Certification, British Red Cross
2008	Full UK Driving Licence
2007	200+ Hours Millennium Volunteer Award

MEDIATION, DEBATING, MOOTING, AND PUBLIC SPEAKING

2011 to 2012	GDL Mooting Competition I have completed two rounds, both times as Senior Counsel.
2011	International Chamber of Commerce Mediation Competition I completed three rounds of the negotiation contest, bringing me to the semi-finals.
2005 to 2008	Mock Trial Competitions At school I participated in the Mock Trial competitions, and went on to train the following team.
2007	Suffolk County Council Budget Competition I headed the winning team in the county budgeting competition which involved managing a mock budget and presenting it to the Councillors, and was interviewed in the newspaper and on television.
2003 to 2008	Debating and Public Speaking Competitions I participated in school and regional debating and public speaking contests and won a few.

PRO-BONO AND VOLUNTEERING WORK

2011–Present	StreetLaw
DESCRIPTION	I am currently involved in a project that aims to introduce GCSE students to the law. I worked as part of the team to run and manage the employment law workshop. We are now planning to provide similar workshops at school locations.
2008–Present	British Red Cross, Nottingham
ROLE	I have created and managed a number of projects in the Nottingham area in support of refugees and asylum seekers as part of a large network and in smaller teams. One particular success was the Life in the UK Citizenship Test course which commenced in 2008.
2011	Nottingham Law Centre
ROLE	I assisted with employment disputes, particularly discrimination cases.

POSITIONS AND RESPONSIBILITIES

2008 to 2011	Secretary, LCF The Learning Community Forum dealt with student concerns, assisted with staff appointments, and met with lecturers to discuss any issues.	2008 - 2010	IT Officer, Theology Society I was responsible for organising social events, debates, running the website and social media, and creating promotional materials.
2009 to 2011	Ambassador, UoN I presented, talked, and gave advice to prospective students.	2006 - 2008	Mentor, Stowupland High School I was part of a new project of 'peer mentoring' which assisted students with behavioural problems.

INTERESTS

I have travelled around Slovakia, Slovenia, Serbia, Hungary, the Czech Republic, France, Belgium, Spain, Holland, Germany, Poland, Italy, Austria, and Croatia. I particularly enjoy visiting Eastern Europe and plan to travel there frequently in the future.

I am somewhat of a fan of anything technological and enjoy taking computers apart and attempting to put them back together again, occasionally I am even successful in this. I am currently learning some programming (in Java).

I have achieved many awards in swimming and completed life-saving training. I am also a skilled horse-rider and drive classic and vintage tractors which I occasionally take to shows in Suffolk.

REFERENCES

References can be provided upon request from current and previous employers, and senior academic staff at both the University of Nottingham and Nottingham Law School.

- **12. SDLC (Software development life cycle):** SDLC is a step by step systematic process to develop a software ensuring its quality and correctness. If you are planning to become a software developer you should have knowledge about the proper life cycle of software from requirement analysis to maintenance of the product. There are mainly 7 phases in SDLC.
 - Requirement gathering and analysis
 - Feasibility study
 - Design
 - Implementation and Coding
 - Testing
 - Deployment
 - Maintenance
- **Scientific modelling** is a scientific activity, the aim of which is to make a particular part or feature of the world easier to understand, define, quantify, visualize, or simulate
- **Industrial data processing** is a branch of applied computer science that covers the area of design and programming of computerized systems which are not computers as such — often referred to as embedded systems (PLCs, automated systems, intelligent instruments, etc.).
- **Scientific modelling** is a scientific activity, the aim of which is to make a particular part or feature of the world easier to understand, define, quantify, visualize, or simulate by referencing it to existing and usually commonly accepted knowledge.