George Lowe

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Innovative and forward-thinking Computer Science graduate with an enquiring and entrepreneurial mind. Carries extensive interests into the possibilities and applications of algorithms, interfaces and software design in all aspects of society.

Having recently achieved an Upper Second-Class degree as well as a First in my final year dissertation, I am actively seeking graduate positions as well as internships and company insight opportunities, in fields related to innovation, technology, machine learning or data analysis.

Experience

CodeX Python Tutor Enactus, Nottingham. *September 2019 – June 2020*

CodeX is a social enterprise which tackles employability issues faced by children primarily with Autism spectrum disorders, by teaching them fundamental coding skills.

- Crafted and delivered engaging, concise and interactive lesson plans such that a firm understanding of Python was attained by students.
- Developed student confidence through active listening whereby I identified challenges that were holding students back from maximizing their learning potential.
- Maintained structure and motivation through clear communication and efficient organisation.
- Liaising with parents ensured that requirements were met for what their child would gain from the experience.

Human-computer Interaction Consultancy Project Petrosains, Kuala Lumpur. *January - June 2019*

Project Title: Interface design for an educational museum exhibit.

- Produced a Software Requirements Specification as a result of completing an ethnographic study on behalf of Petrosains.
- Identified drawbacks of less popular exhibits within their STEM discovery centre, to ultimately increase customer satisfaction.
- Designed software, as well as a physical ecosystem that would interface the human-computer interaction.
- Implemented various prototyping techniques, as well as solidification of existing presentation skills.
- Cross cultural communication skills were utilised to produce high quality output within a team from diverse backgrounds.

Customer Service Assistant Morrisons, Kettering. *March 2015 – Jan 2018*

- Enabled the development of valuable people skills, effective communication, active listening and efficient time management.

Education

BSc Computer Science, Upper Second-Class University of Nottingham. *September 2017 – June 2020*

I achieved a First in my final year dissertation titled 'Camera-based object tracking for VR experiences', where I utilised Python, C# and computer vision, to explore new possibilities for interactivity in virtual experiences.

Notable modules included: Artificial intelligence methods, Machine Learning, Computer security, Mobile device programming, Operating systems and concurrency, Databases and interfaces.

Single Semester Study Abroad University of Nottingham Malaysia Campus. *January 2019 – June 2019*

This experience improved my awareness and appreciation of other cultures, as well as gaining hands on experience and consolidation of communication skills whilst working amongst local students. I opted to take part in this experience as I regard international experience as being essential for today's global market.

The Latimer Arts College Kettering. September 2008 – June 2015

A-Levels: Mathematics - B, Biology - B, Business Studies - A*, AS Level: Economics
GCSEs: 9 A* - C including Mathematics A, English B, Science A

Technical Skills

Programming languages (proficient): C, Java, JavaScript, Python, HTML, CSS
Programming languages (familiar): Haskell, PHP, SQL
Tools and Frameworks: MATLAB, Node.js, Git, Android Studio, Unity

Additional Information

Achievements: Young Enterprise Scheme: Managed a team to develop and pitch an innovative product idea to a panel of investors. We secured funding and were praised for the work produced. CIPFA, Accountancy Challenge: I was selected to take part in a team management day which required forward thinking, whilst learning about complex financial issues within the public sector.
University Activities: Member of development tennis, French lessons.
Volunteering/Fundraising: Enactus, The Great Escape Challenge 2018: 48 hours to get as far away from the University as possible whilst raising money and awareness for a student-led social enterprise. Jolly Green Sherpas, 2018: Voluntary customer service work at music festivals, whilst building on interpersonal skills.
Other Interests: Weekly intermediate French lessons, avid reader in a variety of fields including markets, innovation, health and global development, Etsy.com store and product manager.

References are available upon request.