Bence Luo
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Profile

My curiosity regards how computers are used in the real world and how people using these technologies can benefit from it, has caused me to become excited. The fact that I could create something that has the potential to impact other people's lives just fascinates me. I started exploring into a field I always wanted to pursue. I'm a highly accomplished, skilled and knowledgeable computer science student with extensive knowledge of programming and computer applications, looking for an opportunity in the field of data science and machine learning in a renowned organization.

Education

University of Westminster (2018 – Present)
Computer science BSc Course

Modules Covering all aspects of computer science, software engineering
and development that provides me with the education for a rapidly changing
environment.

Predicted grade: First-Class Honours

Cambridge Tutors College (2015 – 2018)
A level

Subjects: Maths, Physics Computer Science

Oasis Academy Coulsdon 2012 -2015
GCSE

Have 9 GCSEs (A-C) including:
Maths, English, Triple Science, Additional Science, Core Science, ICT and Geography

Projects

Code Culture
Volunteering for giving seminars for students to help them understand more about the uses of the computer science field.

- Teaching HTML, CSS, JAVASCRIPT, Github and design for students
- Developing a skill to share resources with others and collaborate as a team.

- Had to deal with unmotivated students and think of a way to explain to them the theory in a more creative and interesting way.

Auto reduce

Improving how the website operates to collect a large amount of data from the atom accelerators and compress it efficiently.

- Learnt how to use Git and GitHub
- Understanding the principles of how teamwork is essential in business environments to successfully undertake a project.
- Learnt data analysis techniques for collecting information about particle emission.
- Learnt basic principles of how compression works

Mantid Project

The project I was working on for 2 weeks was to investigate unique sources of both pulsed neutrons and muons for exploring properties of matter by measuring the locations of atoms and the forces between them

- Been toured around the facilities of STFC.
- Learnt practices of how to document a research project.
- Learnt Basic python programming
- I wrote documentation to people that are PhD student helping them to educate to latest modern science. This contribution has allowed me to make a difference for the first time.

My contribution to the mantid project: https://www.mantidproject.org/Using_XML_Schema

Experience

Harrods – Dixon Carphone (2018-2019) (4 Months)
87-135 Brompton Rd, Knightsbridge, London SW1X 7XL
Harrods Technology Representative

- Always maintaining a friendly manner and remain calm and positive when handling complaints.
- Handling many VIP clients, I quickly achieve outstanding results and resolve complex customer issues.
- In order to adapt to an ever-changing and demanding environment like the Harrods shop floor, I have learnt to become proficient in prioritising various tasks without losing any quality of service.

Rolls-Royce 2018 (1 week)
Gloucester Rd, Little Stoke, Bristol BS34 7QE
Operations and control (Bristol)

In Planning & Control at Bristol (From 9th July 2018 to 13th July 2018)

- Been assigned into the operations unit by a supervisor and been toured around the facilities
- I had the opportunity to learn the operations of how a team communicates when repairing the MTP400 engines and also discovered many tools the company uses to handle the important data like delivery of parts handling of parts and how they track parts around the company.
- I learnt the emerging technologies that were used by the business to operate their production and repairs, such as RFID tags used on components to keep a database of these parts and know the location of these parts.

Science and Technology Facilities Council (STFC) (2015) (2 weeks)
Rutherford Appleton Laboratory, Harwell Oxford, Didcot OX11 0QX
ISIS Department (Oxfordshire)
Software development

- Been introduced by new tools and technologies this organisation uses in the software development department to work on a project as a team using software called GIT and GitHub.
- I've participated in one of the projects called 'Auto Reduce'

Rutherford Appleton Laboratory at STFC (2014) (1 week)
Rutherford Appleton Laboratory, Harwell Oxford, Didcot OX11 0QX
ISIS Department (Oxfordshire)
Research development

- Been introduces to the basics of python programming.
- This experience offered me a uniqueness of the diversity of world-leading expertise.

Technical Skills

1. Programming Languages: HTML, CSS, JavaScript, Java, Python, C#, SQL, Swift
2. Operating Systems: Windows, MAC OSX, Linux, IOS, Android
3. Software: IntelliJ, Atom, Sublime Text, X-code, Microsoft Visual Studio, Unity
4. Technologies: Version control: (GitHub), OpenCV, MySQL
5. Other:
- Being able to effectively and efficiently work with my colleagues.
- Ability to handle large responsibilities and always striving to learn the necessary skills to provide what is expected by others in the workplace.
- Excellent oral and written communication skills.

Achievements

- Participated in Astrophysics Strand STEM World Summer School
- Jack Petchey Table Tennis Junior UK Nationals Competition

- NCS - National Citizen Service
- Duke of Edinburgh – Bronze Award
- Participated at IC Hack Competition
- Participated at British Physics Olympiad
- Participated at the Rotary Youth Speak competition (4th position)