Name

Street name, City, YO1 5DD
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PROFILE

Second year Computer Science student at the University of York seeking a summer internship in software development. Programming skills in Python, Java and Visual Basic have been developed through degree, alongside the ability to analyse and work through problems in a logical manner. Work experience in Education and Retail has developed customer service skills and ability to communicate with a range of people.

EDUCATION

2016 – 2020 MEng Computer Science, University of York

Completed 1st year with an overall mark of 69% (equivalent to 2:1)
- Human Aspects of Computer Science   80%
- Programming of Microcontrollers   72%
- Theory and practice of Programming   72%
- Introduction to Computer Architectures   69%
- Mathematical Foundations of Computer Science   68%
- Foundation in Electronics Signals and Circuits   62%
- Numerical Analysis   60%

Second year will build on these subjects and also include intelligent systems and a group engineering project.

Transferable skills:
Regular tutorial sessions improved communication skills; lab practicals have increased ability to solve problems and to record results accurately in a lab book; learned to be self-motivated and organised in order to complete independent study and manage course work alongside part-time work and other interests.

2009 – 2016: Egerton Grammar School
- A Level (A2): Mathematics (A*), Computer Science (A) Physics (A)
- AS Level: Chemistry (A)
- GCSEs: 6 A*s (including English and German), 3 As, 2 Bs

TECHNICAL SKILLS

- Programming skills in Python, Java and Visual Basic
- Understanding and experience with front and back end web development technologies such as HTML, CSS, Javascript, PHP, SQL and NodeJS
- Experience of Windows and Linux operating systems
- Experience of app development on cross-platform apps (Android and iOS) written in both Javascript and C#
- Understanding of algorithms and data structures; able to analyse time complexities and identify the benefits of using different algorithms and data structures to solve specific problems
- Understand principles of user centred design
- Able to understand and design basic processors focussing on the compromise between speedup and hardware complexity by implementing specific processing techniques eg pipelining
- Able to use electronic components to analyse circuits eg signal generators, oscilloscopes

WORK EXPERIENCE

Oct 2018 – present: Student Ambassador, Computer Science department, University of York

- Leading tours for groups of prospective students and parents around the university campus and ensuring that they arrived on time for subsequent activities
- Developed public speaking skills and ability to explain information to different audiences, whilst maintaining an approachable and professional manner
- Improved time management and organisation skills

June – Sept 2018: Tutor, Study Support Centre

- Summer vacation role tutoring Maths and English to children aged 5-14, as part of a team of tutors in a local centre
- Gained experience of adapting teaching style to suit children of different ages, abilities and levels of interest
- Undertook discussions with parents/carers to update them on child's progress as well as keeping accurate records of children's work and development

2015 – 2017: Sales Assistant, Boots, Gateshead

- Part-time work as part of a team of dedicated staff to run the shop, management of prescription medicine stock and serving customers
- Developed customer service skills, product knowledge and ability to work within health care guidelines

OTHER EXPERIENCE

- During 6th form I was a peer tutor in Maths, helping to run revision sessions for GCSE pupils. Received positive feedback from both teachers and pupils
- Run own website and blog (www.--.com) in spare time to inspire more girls to consider study and careers in technology. Built to over 500 followers
- Regularly offer informal support to friends and family members with issues such as setting up websites, blogs and social media and technical problems

ADDITIONAL SKILLS

- Full UK driving licence
- Fluent in English and Urdu, GCSE level knowledge of German

HOBBIES AND INTERESTS

- Member of HackSoc, the University of York's Computer Science Society, and the University's Supporting Women in Science Society
- Regularly attend meetings of the Knitting and Crochet Society (KnitSoc) and enjoy designing and making my own clothes
- Member of Langwith College Committee, working as part of a team with college leaders to plan and organise a range of social events

REFERENCES

Available on request