# Luke Norton

## Personal Profile

I am a 2<sup>nd</sup> year student at Sheffield Hallam University studying BSc Computer Science. I am seeking a 12-month placement in the software engineering field. I feel that this experience would be extremely valuable as it would vastly increase my knowledge of the subject and help me in my future career in this field.

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## Education

**Sheffield Hallam University**                               2018-2022

BSc Computer Science
1<sup>st</sup> year – successfully completed with 75% - grade first
- Algorithms and Data Structures 1          84%
- Fundamentals of Computer Architecture          73%
- Fundamentals of Programming          78%
- Mathematics for Computer Science          69%
- Professionalism and Project Development          72%
- Systems Modelling          74%

2<sup>nd</sup> Year modules:
- Algorithms and Data Structures 2
- Database Systems for Software Applications
- Fundamentals of Programming Languages
- Group Software Development Project
- Object-Orientated Programming for Computer Science
- Software Engineering: Concepts and Methods

**Secondary School**                               2011-2018

3 A-Levels:
- Maths          C
- IT BTEC          Distinction Star (equal to A* at A level)
- Physics          D

10 GCSE's at grade A – C, including Maths and English

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## Skills

### Programming

I have been programming since I was 14 years old for my Computer Science GCSE, where I learnt Python. Since then, through my University Programming Modules, I have expanded my knowledge of computer languages to include C++, Java, C# and JavaScript. I have studied how to write cleaner and more efficient code. I have also learnt different coding techniques in my object-orientated module.

### Working in a Group

I have extensive experience in team working and this is something I enjoy.  Three out of the six modules I studied in the first year of my degree course required me to successfully complete group assignments. As part of my 2<sup>nd</sup>-year studies, I completed a 7-full day Group Development Project for IBM. In this project, I worked with my group to create a conference concierge to suggest to delegates the talks at the event that would be of most to them. These suggestions were made by using IBM's Watson AI APIs and node-RED.

## Web development

I have experience in web development in a number of settings. In my first year at university, I successfully completed various assignments focused on web development. In addition, I am currently developing my own [self-promotional website](). During my time at RIBA, I gained experience in web development in the workplace. I worked with the RIBA website development team at a time when they were updating their website. As a result, I gained valuable hands-on experience in how a company implements development stages.

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## Experience

### RIBA - Work experience                                2017

- Worked in the website development team of the RIBA Software Development Department
- Learnt about their software development cycle and how they work as a team
- Attended daily scrum meetings for my project and staff meetings
- During the placement, I created a website that was hosted live

### Volunteering for Bronze Duke of Edinburgh            2017

- I ran sessions for the Beaver and Cub Scouts every week for three months. I taught them skills such as first aid and compass navigation and planned and ran activities to help them to gain badges

### Newcastle University - Work experience              2015

- Worked in the University's Information Technology Service (NUIT)
- Provided IT support alongside NUIT Support Staff across multiple University departments
- Assisted the School of Computer Science with some of their IT projects. This included trialling a project to be run for first-year undergraduates and helping to add a new server to the University network

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## Interests

I enjoy camping and hiking and was in the Scouts for 10 years before I came to University. While an Explorer Scout, I gained my Bronze Duke of Edinburgh Award. This involved completing a 20-mile expedition over 2 days, volunteering and developing new skills; for example, I learned how to kayak, which I particularly enjoyed. I am now working towards finishing my Silver Duke of Edinburgh Award having completed my expedition.

I especially enjoy working with computers and I am interested in many aspects of computer science. This is why I decided to study for a Computer Science degree, and I plan to make my career in this area. In my spare time, I have carried out various computing and programming projects. Examples of the programming activities I have done include teaching myself OpenGL and developing my own website.

I also enjoy playing the violin and have played in solo and orchestral performances.

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## References

My references are available on request.