

# Lauren Atha

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## PROFILE

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Computer Science MSc student at the University of York seeking a role in software engineering. Programming skills in Python and Java have been developed throughout my masters, alongside the ability to critically evaluate problems and consider the ethics and appropriateness of software techniques and tools in real world contexts. Previous work experience and education has developed a logical mindset as well as the ability to work both independently and in a team of diverse colleagues.

## EDUCATION

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### 2020 – 2022: University of York

MSc Computer Science

Currently working at an average of 87.8%

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| • Algorithms and Data Structures               | 91 |
| • Advanced Programming                         | 76 |
| • Artificial Intelligence and Machine Learning | 92 |
| • Software Engineering                         | 96 |
| • Big Data Analytics                           | 84 |

My remaining modules include topics about networks and cyber security as well as an independent research topic.

### 2017 – 2020: Lancaster University

BSc Hons Biochemistry, First Class

Awarded the Chancellor's Medal as one of the highest-performing undergraduates

### 2018 – 2019: North Carolina State University

USA exchange programme, GPA: 4.0

### 2015 – 2017: The Blackpool Sixth Form College

A Level: 3 A\*s in Maths, Biology and Chemistry

Gold Award in the Cambridge Chemistry Challenge - University of Cambridge

Silver Award in the Chemistry Olympiad - Royal Society of Chemistry

### 2010 – 2015: Highfield Leadership Academy

GCSEs: 4 A\*s and 5 As including English, maths, and science

## TECHNICAL SKILLS

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- Programming skills in Python and Java.
- Experience building a personal website using HTML and CSS (<https://laurenatha.github.io/>).
- Understanding of fundamental computer hardware and techniques employed to achieve faster computation in general-purpose computers.

- Aware of the importance of human-computer interaction as well as how designs can be adapted to promote equality amongst able-bodied and disabled people.
- Understanding of UML diagrams and ability to use these diagrams as a basis to start developing code to meet a requirement.
- Understanding of the ethical and legal aspects of software engineering.

## WORK EXPERIENCE

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### **Summer 2019: Research Intern, University of Oxford**

- Six-week biology internship investigating the recognition of abnormal cells by leukocyte receptors in the immune response.
- Integrated successfully into a dynamic team of international scientists.
- Collaborated with a postdoctoral researcher to conduct innovative, pioneering investigations at a world-leading institution.
- Produced novel results and presented them to distinguished principal investigators within the field.

### **November 2017 – August 2018: Business Support, Curvestone**

- Provided business support and managed administrative tasks for Curvestone.
- Adhered to client confidentiality agreements.
- Carried out research used to train an AI which massively improved the efficiency of finding clients.
- Responsible for the maintenance and continued growth of client social media sites.
- Conducted regular meetings with clients to meet their needs and provided continued feedback on ongoing tasks.
- Lead a team of freelancers, delegating tasks and managing their progress to ensure deadlines were met.

### **December 2016 – September 2017: Cleaner, The Blackpool Sixth Form College**

- Worked both individually and in a team to preserve the high standards of cleanliness in classrooms, dining halls, washrooms, corridors, lifts, and reception areas in a timely manner
- Maintained a safe, secure, and clean working environment by adhering to all COSHH rules and regulations

## HOBBIES AND INTERESTS

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- Enjoy walking and hiking. Have taken part in NCS, Duke of Edinburgh and a three week outward bound in the Scottish Highlands around Ben Nevis.
- Member of the local gym for weightlifting and training for long distance running.
- Enjoy reading books and playing guitar and piano in my free time.