

Edward Gorman

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EDUCATION

UNDERGRADUATE - University of Southampton.

September 2017 – Present.

- BSc Computer Science.
- Algorithmics module = 79% : Complex data structures, algorithm design and analysis, sorting techniques.
- Intelligent Systems module = 80% : AI theory, search/evolutionary algorithms and machine learning.
- Principles of Cyber Security = 74% : Fundamental security concepts, kill-chain model and cryptocurrency.

SIXTH FORM - Bartholomew School (Eynsham).

September 2015 – June 2017.

- AS results: Maths (A), Physics (A), Geography (A), Chemistry (B).
- A2 results: Maths (A), Physics (A), Geography (B), EPQ (A).
- EPQ project: 'Artificial Intelligence: Should humanity develop an AI?'
- Upper School Awards: Geography 2017.
- Physics Olympiad Bronze award, UK Senior Mathematical Challenge Bronze award 2017.
- Completed the Cisco Networking Academy Cybersecurity Essentials course.

SECONDARY SCHOOL - Bartholomew School (Eynsham).

September 2010 – June 2015.

- GCSE results: Maths (A*), Physics (A*), Chemistry (A*), Geography (A*), History (A*), Computing (A*), Biology (A), English Language (A), English Literature (A), Religious Studies (B) and D&T Product Design (B).
- Upper School Awards: ICT 2014, Computer Science 2015. UK Senior Mathematical Challenge award 2014
- Selected to attend the UKMT Mathematical Circle at Oxford Maths Institute, June 2014.

PROFESSIONAL EXPERIENCE

Roke Manor Research – Summer Internship.

July 2019 – August 2019.

- Worked on internal innovation tasks in groups alongside engineers specialising in data science and cyber security. Design a piece of analytical software capable of understanding and summarising text conversations using statistical analysis, neural networks and natural language processing techniques.

Wolfram Research Europe Ltd. – Summer Internship.

August 2016.

- Responsible for testing and enhancing the software's maths and physics learning modules. Worked closely with the development team using Mathematica and the GIT version control system.

NoteTones Music Production Services Ltd. – Systems Manager (part-time).

July 2014 – June 2016.

- Produced all aspects of the company's website (notetones.com) using front/back-end languages including HTML, CSS, JavaScript, PHP and SQL (company now dissolved).

Siemens Magnet Technology Ltd. One-week placement.

April 2014.

- Designed an internal corporate help webpage using XML and front-end web languages. Assisted in resolving internal help desk tickets.

PERSONAL

- Projects including App and Web development found on Github page (<https://edgorman.github.io>).
- Eynsham FC player 2010 – 2014; formerly played for Freeland FC. Received 15 football awards.
- University of Southampton Ultimate Frisbee player 2017 – 2018; plays casually within university.
- Dual UK - US Citizen

REFERENCES

- Available upon request