

Fayz Siddiqui

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3rd Year Computer Science student at the University of Edinburgh, looking to gain experience in software engineering and data driven AI

Education

THE UNIVERSITY OF EDINBURGH – predicted 2:1 | BSc Computer Science Sep 2019 – May 2023

- Relevant course content covered includes:
 - Systems Design Project: **Organising** and **managing** 10 student to complete a robot build from scratch.
 - **Operating Systems**: understanding design and implementation of operating systems using **Unix**, **Windows NT** etc.
 - Informatics Large Practical: Developing the **back-end** for a drone system in **Java**
 - Introduction to **Algorithms and Data Structures**
 - Foundations of **Data Science** and Introduction to **Applied Machine Learning**
 - Introduction to **Robotics and Vision**
 - **Software Engineering** and Professional Practices
 - **Object Oriented Programming**
- Languages include:
 - **Python** (including use of **pandas**, **seaborn** and **flask** packages),
 - **Java**
 - **C**
 - **Haskell**
 - **MIPS Assembly**
 - **PDDL**
 - Also collaborated on **GitHub**.

THE GLASGOW ACADEMY Sep 2006 – May 2019

- **AAAB Advanced Higher** – Subjects: Maths, Maths with Mechanics, Computer Science and Physics
 - **AAAAAA Higher** – Subjects: Maths, English, Physics, Chemistry, Computer Science and History
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Work Experience

INTERNSHIP, CICERO GROUP Jul 2019 – Aug 2019

- Conducting critical research to collaborate on reports for clients.
- Client communication and public engagement.
- Shadowed and assisted senior employees with ad-hoc tasks and research.
- Sent to Brussels to gain experience of overseas affairs within the EU Parliament.

INTERNSHIP, SKYSCANNER Jul 2018 – Jul 2018

- Assigned in a team to create assistive bots to operate on the employees' Slack Channels.
- Involved using a mixture of **Slack API**, **AWS**, and **Python** to allow bots to communicate successfully on interface
- Designed two bots: one redirected questions to relevant channels in Slack, the other searched through an online forum using key words and printed the relevant articles on slack.

SPORTS ASSISTANT, ST LEONARD'S LAND SWIMMING POOL Jul 2018 – Jan 2022

- Ensuring the safety and wellbeing of customers within the building.
- Providing great customer service and first aid to those injured in sports activities.
- Lifeguarding which involves eye for detail and careful management over the pool area.
- Maintaining a clean, professional environment.

Achievements and Interests

COMBINED CADET FORCE, ROYAL NAVY SECTION:

- Assigned the position of **Warrant Officer**, leader of the Navy section Sep 2018-May 2019
- Earned qualifications in lifeguarding, first aid, **leadership**, and sailing.

SPORTS:

- Currently do Muay Thai and Swimming as part of the university clubs.
- **Gold Medal** at Scottish Indoor rowing Championships.
- Captained U15 **Scottish Champions** cricket team.
- Competed at West District Competitions for Swimming.
- Played for 1st XV Rugby team and was vice captain of 1st XI Cricket team at school.

MUSIC:

- Trinity Guildhall **Grade 8 Piano – Distinction**
- Musical theatre involvement throughout University and School, with well-reviewed performances.
- Have sung in choirs and performed solo pieces.

PUBLIC SPEAKING & SCHOOL

- Selected to compete in Donald Dewar Debating Competition
- Head of Pupil Council, where we collaborated to find solutions students issues, as well as **interviewing** new Rector and Deputy candidates.