Jessica McClure

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Personal Statement

Innovative individual who enjoys facing hard challenges with a focus on developing solutions. Someone who is not afraid to work under time pressure and also understands the importance of team work.

Education

University of St Andrews
MSC Computer Science
Graduation: May 2024

St Margarets School For Girls
Secondary School
Graduation: 2019
Achieved three A's at SQA Advanced Higher level.

Coursework

• Object orientated programming.

• Programming with Data.

• Foundations of Computation.

• The Internet and the Web: Concepts and Programming.

• Computer Systems

Technical Skills

• Java (2 years)

• HTML and CSS (2 years)

• JavaScript (1 year)

• Command Line

Work Experience

Arria NLG   [18th - 22nd June 2018]
A start up computer company. Gained project delivery experience. Provided user feedback on development systems to enhance customer experience. Communicated project completion to managers and other team members

Projects

Advanced Higher MUN Project   [2018 – 2019]
Completed a program in Java and MySQL accompanied by full documentation using the waterfall method. Created Login and Registration for two types of users, using information held in a relational database. This made use of algorithms such as bubble sort. Used data types such as array of objects. Went above the scope of the task by including a timer feature.

Activities /Leadership

Engineering and Aerospace Society | Secretary
[September 2020 - Present]
A founding member of this society. Heavily involved in decision making for what is best of the committee and has gained organisation skills due to these meetings.
• Competed in Space Apps 2020 Hackathon.
• Participating in the UKSEDs Rocketry Competition which will allow me to work in a team with different academic disciplines.

Women in Computer Science Society | Member
[September 2019 – Present]
A member of this society which promotes women in STEM subjects and attend computing events promoted by this society.

Awards

Gold Crest Stem Award   [2018]
Completed the 'Stem In the Pipeline' project, a team challenge for which I was elected project manager. During this task I had the initiative to create a small computing program to automate a small calculation and also created an AR model of the oil field.