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Henry Russell

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An ambitious, highly motivated individual seeking a placement position to enable skills of problem solving, communications and leadership to be utilized.

Education

BSc Computer Science (Software Engineering) with a Year in Industry

- Second Year Undergraduate Student at Royal Holloway graduating in 2022
- First year grade average 80.5% 1st
- *Programming languages & Frameworks used:* Java 11, maven, JavaFX Javascript, NodeJS, HTML5, CSS3, EmberJS, ReactJS, Bulma CSS, SASS, Webpack, Git, Font-awesome 5, Python

A Levels

- *Computer Science* (A): Created a chess application in Java using OOP principles.
- *EPQ* (A) Designed and manufactured a Shogi set, using software and a CNC mil
- *Psychology* (A).
- *Maths* (B)

GCSE's

14 GCSE's A*–B. A* in Electronics. A's in Computing, Maths, English literature, language and sciences.

Skills

Front-end web Developer:
- Carpark management system in React.
- HTML5 canvas tower defence game.
- Rock Paper Scissors game in Ember for a hackathon.
- Static homepage for an actress in Vue with Nuxt.

Java Developer:
- Playable JavaFX chess application with SQL-lite database for storing game history.
- Robot to scan an area for landmines, collect them and return them to a checkpoint.

Dev-Ops:
- Hosting using VPS services such as AWS EC3 instance and Google compute.
- Command line interfaces such as ubuntu subsystem for windows.
- Webpack configurations incorporating several plugins.

Full-stack Developer:
- Firebase admin panel with secure sign in for a church website.

Work History

Student Ambassador | *Royal Holloway* | 2019– Current

- Campus Tours, Carpark management, and roles in the computer science department

Math and English Tutor | *Kumon* – Frimley, England | 2017– 2019

- Tutored up to A level students in Maths and English.
- Helped them to complete their work and do corrections.
- Documented progression.

IT And Marketing | *VocaLink* – Hertfordshire, England | 03/2016

- **Work Experience Placement** at a large online payments and banking company.
- Worked closely with IT support installing new plasma screens and fixing broken computers.
- Shadowed meetings taking notes.
- Worked with social media in the marketing department.

Additional Skills and Achievements

- **Programming**: Extracurricular club "programming polyglots", each week a new programming language was taught. (2017 - 2018)
- **Public Speaking**: Mock student elections and mock United Nations.
- **Computer Literate**: Loves computers, good understanding of both hardware and software. Skilled in Microsoft office; PowerPoint and Excel.
- **Volunteering**: Leader of both the Japanese society and the Chess society (2017 - 2018). Student ambassador; Air cadet (pre 2018).

Letter of commendation from department for being one of only 20 students achieving an overall grade point average of 80 or over.

Hobbies and interests

- *Photography*
- *Web Development*
- *Listening to Podcasts*
- *Psychology*
- *Chess and strategic computer games*
- *Japanese culture*