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37 Southwell Park Road](https://www.google.com/maps/place/Lea+House,+37+Southwell+Park+Rd,+Camberley+GU15+3QG/@51.3351136,-0.7561252,17z/data=!3m1!4b1!4m5!3m4!1s0x48742aad6dfc80ff:0x27c616347529d7!8m2!3d51.3351136!4d-0.7539365)

[Camberley, Surrey](https://www.google.com/maps/place/Lea+House,+37+Southwell+Park+Rd,+Camberley+GU15+3QG/@51.3351136,-0.7561252,17z/data=!3m1!4b1!4m5!3m4!1s0x48742aad6dfc80ff:0x27c616347529d7!8m2!3d51.3351136!4d-0.7539365)

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Henry Russell

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*