

# Hijithan Arunthavarajah

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## RELEVANT EXPERIENCE

### Software Engineer, HPE, Bristol/Remote, July 2023–Present

- I worked on feature development and bug fixing for some of HPE's industry-leading and next-generation storage products, using languages such as C, C++ and Tcl. I've written many automation test scripts using Python and Perl to complement our extensive testing framework.
- I also became familiar with the agile/scrum development workflow in an industry environment and had the opportunity to collaborate with engineers from different geographical areas.
- I've had a successful year as an intern at HPE, working part-time with them during my final year.

### Teaching Assistant, Royal Holloway, Egham, Sep 2024–Present

- I have assisted in teaching introductory/intermediate CS courses, including programming laboratory and Software engineering. In these courses, I have helped students understand Python, Java, TDD and Git terminology.

## EDUCATION

### Royal Holloway, Computer Science Year in Industry, Sep 2020–Present

- **First Year:** On average got 85%, **Second Year:** On average got 89%

### St Pauls Catholic College, GCSE and A-Levels, Sep 2013-Aug 2020

- 8 GCSE'S grades from 7-4, **A Levels:** Math - A, IT - Distinction\*, Physics - B

## PROJECTS

### VS Code Theme Extension - [Github](#), [Market Place Website](#)

- I created this theme to suit my exact preferences and give me full control over any customizations I want. The theme features a black and green colour scheme, complemented by vibrant neon syntax highlighting. It's available for download on the Visual Studio Code Marketplace.

### Postfix/Infix Calculator - [Github](#)

- I created a CMD and GUI calculator in Java, applying Test-Driven Development (TDD), Maven for project management, JUnit tests, and Git practices like tagging and branching. This project strengthened my software engineering skills and reinforced solid development methodologies..

### Lego Robotic Bunny - [Github](#)

- This project, developed as a first-year university assignment with three other students, involved designing and building a robotic bunny using LEGO bricks, the LeJOS EV3 platform and Java. The robot mimics a real bunny's behavior, responding to environmental stimuli like sounds, colors, and obstacles.

## VOLUNTEERING

- **Royal Holloway CS/Math Mentor:** I helped first year students with modules they found challenging in workshops.
- **First Lego League:** I helped develop/update software for the website the competition is held on.
- **Winterbourne Academy Mock Interviews:** Helped Year 11 students prepare for job interviews.
- **HPE Work Experience:** Spent a week being a mentor for students doing work experience at HPE.

## SKILLS AND LANGUAGES

- **Skills:** Python, C, C++, Java, Perl, HTML, CSS, Git, Visual Studio, VSCode, Eclipse, Vim, Unix/Linux, TMUX, Scrum/Agile Development.
- **Languages:** English and Tamil

## AWARDS

- I achieved the Pastoral and Academic Excellence awards in my year group for **5 years** during GCSE/A Levels.