

Hijithan Arunthavarajah

Feltham, England • hijithanarun@hotmail.com • 07394621034 • [Linkedin](#) • [Github](#) • [Portfolio](#)

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

My Portfolio - [Github](#), [Website](#)

- My portfolio website is developed using HTML, CSS, and JavaScript, incorporating the Three.js library for 3D graphics. It showcases my skills and projects through interactive and visually engaging elements, providing a modern and dynamic user experience.

Postfix/Infix Calculator - [Github](#)

- I built a CMD and GUI calculator purely Java. The key takeaway was the methodologies I applied throughout its development. I practised Test-Driven Development (TDD), utilized Maven for project management, wrote JUnit tests, and adhered to Git standards such as tagging and branching. Overall, this project helped me develop and follow solid software engineering principles.

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 my GCSE and A Levels.

REFERENCES

- My **Manager** at HPE - [John Mackelden](#) - john.mackelden@hpe.com
- My **Mentor** at HPE - James Garret - jgarrett@hpe.com