JENNIFER PHAM

Computer Science Graduate - Junior Software Engineer

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First-Class Honors Computer Science graduate with a strong academic background and hands-on industry experience gained through a sponsored degree apprenticeship program. Beginning a career as a Software Engineer, with strong skills in software engineering, AI, and emerging technologies. Known for a proactive approach to problem-solving and a collaborative spirit, thrives on complex technical challenges and values connecting with exceptionally talented individuals who share a passion for innovation.

KEY SKILLS

Personal	Languages	Frameworks/Packages	Technical Concepts
Analytical Problem-Solving	JavaScript	React	OOP
Collaborative Teamwork	Java	Node.js/Express	Agile Development
Communication	SQL	MongoDB	Data Structures
Adaptability	C/C++	Testing - Jest	CI/CD with Git/Gitlab

EDUCATION

University of Birmingham
2020-2024

BSc Computer Science with Technology Partnership (Vodafone)

First Class with Honours (80% Average - 4.25 GPA)
Modules include: OOP (84%), DSA & Algorithms (69%), HCI (91%), Software Engineering (91%), Full Stack Team Projects (85%)

Honoured to have had my studies sponsored by Vodafone.

Latymer Upper School
2018-2020

A-Levels
Economics (A), English Literature (A*), Mathematics (B)

Extended Project Qualification: 'Should the Human Race seek to advance by becoming Cybernetic Organisms (Cyborgs)?' (A)

The Holy Cross Girls' School
2013-2018

GCSEs
9 GCSEs all at grades 8-9 (A*/A** Equivalent)

EMPLOYMENT

Vodafone
Sept 2022-Sept 2023

Web Developer - Operational Intelligence
- Prototyped, developed and maintained various web tools integral to network operations utilising React, PHP, Typescript and Azure DevOps.
- Troubleshoot issues/bugs flagged in customer tickets.
- Collaborated with team members to perform code reviews and peer programming.

Vodafone
June-Sept 2021

Implementation Specialist - Digital Analytics
- Worked with tools such as Adobe Analytics, Tealium and Medallia to deploy analytics across the company's customer-facing web pages.
- Produced analytics dashboards and independently led meetings with stakeholders to discuss the results of A/B tests for system design.

University of Birmingham
2022-2023

Lab Demonstrator - Software Engineering & Professional Practices

- Held weekly office hours to provide constructive feedback to students on their Software engineering projects.
- Consulted with students on design and testing approaches, prototypes and UML diagrams.

Hall Green Secondary School
February-April 2024

Computer Science Teaching Assistant

- Led the lunchtime computing club, facilitating engaging activities to enhance programming skills, resulting in record-high club attendance.
- Gave a presentation to encourage female students to pursue higher education and career paths in the technology sector.

NOTABLE PROJECTS

University Final Year Project

- A MERN full-stack application which adapts the Nobel Prize-winning Gale-Shapely algorithm and intelligent matching approaches to allocate mentor-mentee pairings
- Allocations based on profile similarity, personal and organisational preferences.
- Provides a metrics dashboard for programme performance.
- Achieved a grade of 77%.

Network Status Checker Heatmap

- Integrated Google's Map API to produce a heatmap of concentration of network status check complaints.
- Widely recognised project within the organisation, gaining positive feedback from the CEO.

GeoQuiz - Interactive Quiz Game

- Collaborated with team members to produce full-stack web application which uses Google's map API to create quiz questions to learn more about the local area.

ACHIEVEMENTS & AWARDS

ITV News Appearance

- Nominated by my university to speak on ITV News about the importance of women in the technology sector and the pursuit of higher education within the field.

Jack Petchey Outstanding Achievers Award

- Selected by my teachers and peers to receive the Jack Petchey Award in recognition of outstanding academic achievements and exemplary character.

#CodeLikeAGirl Coding Competition Winner (**Vodafone**)

- Prize winner for creating an impressive web application using HTML, CSS, Javascript, Jquery, Bootstrap and Git.

Young Enterprise Company of The Year Award

- Showcase Finalist in Ealing, Hammersmith & Fulham winning Awards for Company of the Year, Best Overall Company and Best Presentation.

REFERENCES

Professor Matthew Leeke
Deputy Head of School of Computer Science
Relationship: University Supervisor
m.leeke@bham.ac.uk

Dr Vincent Rahli PhD
Head of Quality of Computer Science
Relationship: University Lecturer
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