

Katie Pambakian

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EDUCATION & QUALIFICATIONS

University of Bristol – BSc Computer Science

2023 - 2026

- Modules including Computer Architecture, Programming and Mathematics involving group work and paired programming.
- Achieved a first class result in the first year and ranked in the top 10 students.
- Active member of the University of Bristol Boat Club's Senior Squad, training ten times a week and competing at events like Henley Women's Regatta.

Farnborough Hill – A Level's

2021 - 2023

- A*'s in Computer Science, Mathematics, Further Mathematics and Chemistry.
- A* for Extended Project Qualification titled 'Is the control problem sufficient reason to halt the development of AI?'
- CAFOD Young Leader directing school-wide fundraising efforts, raising over £600.
- Teaching assistant for computer science classes, taking on leadership roles to manage the classroom and support students.
- School Computer Science Prefect and House Captain helping to run events for younger years.

Farnborough Hill – GCSE

2016 - 2021

- 10 grade 9's including Computer Science, Mathematics, Triple Science, English Language and French
- Participation in Bebras, Oxford University Coding Challenge and UK Mathematical Olympiad for Girls

TECHNICAL SKILLS

Software development	Completing projects both as part of a team and individually, including web and game development.
Programming Languages	Experience with C, C#, Java, Haskell, Python, HTML, CSS and JavaScript.
Software and Tools	Use of Git, Visual Studio Code, Unity Game Engine and Linux Terminal to assist with work.
Mathematics	Foundation in mathematical concepts including probability theory, linear algebra and algorithm analysis.

RELEVANT WORK EXPERIENCE

Private Mathematics and Computer Science Tutor

Sep 2021 to Present

- Planned, created and delivered tailored lessons involving programming and mathematics skills.
- Used effective decision making and communication with the student to prioritise topics and help them meet their deadlines and goals.

Computer Repair Assistant | Disking Computers, Farnham

Aug 2022

- Observed and assisted technicians with diagnosing and repairing hardware and software issues and gaining a deeper appreciation for the importance of customer service in technical environments.

ADDITIONAL WORK EXPERIENCE

Volunteer Barista | Normandy Village Shop & Café

Aug 2023 to Present

- Ensuring consistency, precision and attention to detail are maintained in a diverse range of responsibilities during fast-paced hours.
- Using delegation and collaboration to work within a large team of up to ten members.

Volunteer in Charity Shop | Phyllis Tuckwell, Ash

Sep 2021 to Sep 2022

- Enhanced communication and organization skills by managing inventory and coordinating with team members while providing excellent customer service in a lively environment.

ADDITIONAL ACHIVEMENTS

- The Netcraft Prize - *University of Bristol*, 2024
- Gold DofE – *Farnborough Hill School*, 2024
- The Sarah Buckle Prize for Excellence – *Farnborough Hill School*, 2023
- Cambridge Chemistry Challenge (Gold) – *University of Cambridge*, 2022
- Sixth Form Academic Scholarship – *Farnborough Hill School*, 2021

PROFESSIONAL DEVELOPMENT

- AWE Insight Day – *TargetJobs*, 2024
- Cyber First Advanced [2022], Cyber First Futures [2021], Cyber First Defenders [2020] – *NCSC*
- Biomedical Engineering Online Course - *The Small Piece Trust*, 2021