

Katie Pambakian

07468 480460 | www.linkedin.com/in/katiepabakian | katie.pambakian@icloud.com

East Wing, Normandy Park, Pirbright Road, Guildford, Surrey, GU3 2AL

EDUCATION

University of Bristol, BSc Computer Science,

2023-present

- Modules including Computer Architecture, Programming and Mathematics

Farnborough Hill School, A-Level,

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 Artificial Intelligence?”.

Farnborough Hill School, GCSE,

2016 – 2021

- 10 grade 9 GCSEs including: Computer Science, Maths, English Literature, English Language, Biology, Physics, Chemistry, French, Geography and Religious Education.

KEY SKILLS

Teamwork and Problem solving

- Participated in Gold DofE and Borneo expeditions enabled me to find solutions under pressure and collaborate as a team to plan and execute routes.
- Annually participated in the UK Bebras Challenge and Mathematics Olympiad for Girls, developing my critical and analytical thinking needed to identify solutions to the challenges under the time constraints

Leadership and Organisation

- As a CAFOD young leader (Sep 2021 to Jul 2022) I planned, organised, and led meetings and fundraising events where we raised.

Communication

- Explaining complex concepts to students in class and on one-to-one basis, adapting my explanations to suit their learning styles.

Programming

- Experience with Python, HTML, JavaScript and CSS, Java, C, Haskell and Swift
- Completed larger projects including an AI timetabling application and a robot buggy capable of following lines and avoiding obstacles utilising Python and Ultrasonic Distance Sensors

WORK AND VOLUNTEERING EXPERIENCE

Volunteer in Community Project Café | Normandy Village Shop & Café,

Aug 2023

- Worked efficiently within a team of baristas

Volunteer in Charity Shop | Phyllis Tuckwell, Ash,

Sep 2021 to Sep 2022

- Assisted customers whilst resolving conflicts efficaciously.
- Interacting with customers to meet their needs
- Managed stock inventory and rotation.

Work experience shadowing and assisting staff | Disking Computers, Farnham,

Aug 2022

- Established a deeper appreciation and interest in computer hardware

GCSE Mathematics Tutor,

Sep 2021 to Jul 2022

- Weekly tutorials over Zoom for year eight pupil

ADDITIONAL ACHIEVEMENTS

- The Sarah Buckle Prize for Excellence – Farnborough Hill School, 2023
- School Computer Science Prefect and House Captain – *Farnborough Hill School, 2022*
- Cambridge Chemistry Challenge (Gold) – *University of Cambridge, 2022*
- Sixth Form Academic Scholarship – *Farnborough Hill School, 2021*

PROFESSIONAL DEVELOPMENT

- AWE Insight Day – *TargetJobs, April 2024*
- CyberFirst Futures (2020), Defenders (2021) and Advanced (2022) – *NCSC*
- Biomedical Engineering online course – *The Small Piece Trust, 2021*

INTERESTS

- **Rowing** – Training nine times a week and competing as part of the University of Bristol’s Senior Squad.
- **Running, Skiing and open water swimming** – Requires commitment and determination, which allows me to complete Tough Mudder Southwest 2023 as part of a team as well as routes such as Grand Vallon.
- **Creative crafts and Guitar** – Self-taught skills such as crochet which I enjoy sharing with others.