



Martina King

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📍 London/Cambridge/Milan

🚩 Dual UK/Italian Citizenship

🔗 Personal Portfolio Website

🌐 Martina King

🎓 Education

University of Cambridge, Computer Science (BA Hons)

Oct 2024 – Jun 2027

- Race and Treasurer for University of Cambridge Sailing Team
- Elected 1st Year Student Representative for CompSci, responsible for collating student feedback, presenting to department meetings, and organizing social events
- Ranked top 10 in Software and Security Engineering

Alleyn's School, Secondary Education

Sep 2017 – Jul 2024

- A-Levels: Maths A*, Further Maths A*, Physics A, Chemistry A, CyberEPQ A*
- GCSEs: Eleven 9s, one 8
- School Vice-Captain: weekly presentations to >1000 people

💼 Professional Experience

Jane Street, Insight Spring Week

Apr 2025 | London

- Participated in trading games and research simulations
- Lectured on making markets, significant financial events, game theory, and ML in finance

University of Cambridge, Murray Edwards, Student Ambassador

Oct 2024 – present | Cambridge

- Represented the college in tours and week-long outreach initiatives, particularly for women in STEM

Satori Insights, Company Director

Dec 2024 – present | London

- Attend board meetings and routinely test website functionality and email systems

Tooled Up Education, Student Specialist

May 2023 – Sep 2024 | Virtual

- Hired directly after CEO saw me present on panel at international schools conference to audience of 300
- Researched and authored in-depth article on deepfake technology, exploring mechanisms, applications, and societal implications
- Communicated complex technical concepts in accessible manner for non-technical audiences, providing actionable recommendations for educators and parents to mitigate risks associated with deepfake media

Ace of Base Tennis, Assistant Tennis Coach

2022 – 2024 | London

- Developed strong communication, leadership, and teaching skills by coaching children aged 3–11

📁 Projects

UK ESERO CanSat Competition,

Sep 2022 – May 2023

Project Manager, 2nd Place Nationally

- Led team as project manager to design, build, and test can-sized satellite with landing system, displaying sensors' measurements in an app and collaborating with a charity to improve air quality around London
- Enhanced skills in project management, leadership and teamwork, data analysis, and presentation

Hiking Weather App, Interaction Design Module Group Project

May 2025 – Jun 2025

- Designed, and coded a weather app focused on hiking using ReactNative
- Conducted in-depth user and stakeholder research through interviews, questionnaires, and focus groups

CERN Summer School + Essay Competition, "Growing hints of

Aug 2023

lepton-universality violation: progress and implications"

- Won an 800-word essay competition, writing on lepton-universality violation
- Spent one week visiting CERN, seeing the LHCb, with daily lectures from researchers on quantum physics

CIISEC CyberEPQ, "Deepfakes: how great is the threat?", A*

Sep 2022 – Mar 2023

- Self-taught modules: Cybercrime, Cryptography, Risk Assessment and Management, Security Testing, Information Security and Digital Forensics
- Conducted in-depth research on deepfake creation, detection, and threat mitigation for 5,000 word essay, and created my own deepfake

JPMorgan GenerationTech Course

Sep 2022 – Dec 2022

- Designed and developed an app to assess individual learning styles and provides tailored study advice in a team

Alleyn's School Extra-curricular Activities

Sep 2017 – Jul 2024

- Model United Nations: Chaired and acted as delegate for multi-school conferences for 5 years
- Combined Cadet Force (Royal Navy): Achieved role of RQMS and NCO in charge of £20k worth of equipment
- Chair of Charity Committee; Head of Environment Society

Languages

English — Mother Tongue | **Italian** — Fluent | **German** — Basic | **Spanish** — Basic |

Python — Intermediate | **OCaml** — Intermediate | **Java** — Basic | **SQL** — Basic | **C** — Basic |

C++ — Basic | **HTML/CSS** — Basic | **ReactNative** — Basic