Thomas Williams

London SW13 0NU

tomwtech@gmail.com | tomwilliamstech.com

EDUCATION

University of Bath – BSc Computer Science (Somerset, UK): *2024 – 2028 – First Year*

Hampton School (London, UK)**:** *2017 – 2024*
- **A-Levels:** A*A*A*A* (Further Mathematics, Computer Science, Physics, Mathematics)
- **11 GCSEs - All 9s** (inc. Further Mathematics, Design & Technology, Computer Science)

WORK EXPERIENCE

Micro-Internship - Ikigai Digital - Digital Banking Consultancy (*Easter 2023*)**:**
- Interviewed engineers and consultants at **Ikigai**, leveraging their professional software engineering advice to improve the quality of my own projects like implementing best practices to improve security.
- Introduced to digital architecture, platforming, DevOps, data engineering, SaaS, and other digital banking practices, giving an insight into collaborative programming, company culture, and future trends in the digital banking space.
- Shadowed software engineers providing services and building new **"Olympus"** bank in South Africa, learning more on agile development and ways of working in a professional environment.

Southfields Lawn Tennis Club, Assistant Tennis Coach (*Summer 2021 & 2022*)**:**
- Trained a cohort of over 50 young players and collaborated with a team of experienced coaches to help develop technical skills and encourage learning of the core values of sport. The coaching emphasised the importance of patience, embracing new challenges, and engaging with both players and parents in a positive, open-minded manner.

TNC Tutors - Private Tutor (*February 2022 – Present*) – tnctutors.co.uk**:**
- Passionate and experienced paid tutor for 11+ and GCSE Mathematics, with proven results helping those into their schools of choice. Learned how to communicate my solutions and articulate problems effectively, whilst adapting to the learning styles of different students. Improved ability to organise timings, talk to clients in a professional manner and build a network of pupils.
- Built a landing page website and utilized SEO to improve search rankings and attract new clients.

EXTRA CURRICULAR

Sport:
- 1st XV Hampton Rugby (captain), 1st VII Hampton Rugby, Barnes RFC 2nd XV Men's Rugby, 1st Team Hampton School Tennis, Southfields Lawn Tennis Club Assistant Coach and U16 Club Champion (2022)

Computer Science:
- Student Robotics UK Competition *2023* (5th Place) – Team mechatronics leader managing the interface between software and hardware whilst following strict rulesets from the tournament organisers. Enabled effective communication between teams, using my knowledge of both Python and the hardware used to find solutions to the many challenges presented by the competition's requirements.
- Young Software Engineering Weekend with Investin exploring both frontend and backend engineering using Python, SQLite to construct parts of a restaurant booking application.

Other Qualifications:
- First Aid (Level 3 EFAW Qualification), Level 3 RYA Sailing Certificate, LTA Level 1 Assistant Coach.

AWARDS AND SKILLS

- Silver Arts Award with Trinity Award, Duke of Edinburgh Silver Award, Silver Senior Maths Challenge 2022, Bronze UK Linguistics Olympiad 2023, Advanced to Oxford University Computing Challenge 2023 (Bebras)
- Programming Skills: Python, JavaScript, Arduino, SQL, HTML, CSS, GCP, Haskell