Kevin Titus

<> **Studying MEng in Computer Science and Software Engineering** </>

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PROFILE

A second-year undergraduate student in Computer Science and Software Engineering with a passion for technology and problem solving. My foundation in computer science, coupled with proficiency in communication, project management, and leadership, equips me to contribute effectively to a variety of projects and roles

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EDUCATION

MEng Computer Science and Software Engineering, University of Birmingham   **2023 - 2027**

- Expected First-Class honours degree
- Key modules (1st Year): Data Structure & Algorithms; Object Oriented Programming; Full Stack Application Development; Artificial Intelligence; Theories of Computation
- Societies: CSS (Computer Science Society), AFNOM (Ethical Hacking Society), University of Birmingham Philharmonic Orchestra

Radyr Comprehensive School, Cardiff   **2016 - 2023**

- **A levels**: 2A*s and 2As (Maths, Physics, Computer Science, Advanced Welsh Baccalaureate Award)
- **GCSEs**: 14A*s (Including maths and english)

Honours & Awards:
  - Bronze Award - Duke of Edinburgh
  - CyberFirst Advanced Course - National Cyber Security Centre
  - His Majesty's Lord Lieutenant Cadet, Lieutenancy of South Glamorgan (2022–2024)

EXPERIENCE AND ROLES

Software Engineer - Freelance   **Feb 2022 - Present**

- Designed and developed bespoke software solutions for clients, including full-stack web applications, with a focus on functionality, user experience, and performance. Selected projects:
  - NoteSpace — Music room booking system for the University of Birmingham
  - 485 Squadron Website — Official website for RAF Air Cadets 485 Squadron

Latimer Tuition   **Feb 2025 - Present**
Tutor

- Delivered personalised one-on-one lessons to GCSE and A-Level students, adapting teaching methods to suit individual learning styles and goals, and encouraging critical thinking to build confidence and boost academic performance.
- Monitored student progress through regular assessments, using results to provide targeted support and ensure consistent improvement in both theory and practical exams.

Causa Software Solutions   **June 2022 - June 2023**
Software Engineer Intern

- Developed a comprehensive web application for a team at BAE Systems to streamline attendance and task tracking.
- Led a structured, nine-phase project, adhering to a waterfall methodology for efficient project management.

Key Accomplishments:

- Conducted in-depth client meetings to identify issues, evaluate temporary solutions, and define project objectives.
- Gathered user feedback through surveys and interviews, resulting in a 40% efficiency improvement.
- Carried out a 3-month full-stack development phase, implementing HTML5, CSS, Angular.js, PHP, and SQL.
- Ensured system security and efficiency through automated testing, passing all benchmarks.
- Facilitated user acceptance testing, receiving positive feedback from BAE Systems teams.

Royal Air Force - RAFAC (No 22 Group)   **Sept 2018 - Present**
Civillian Instructor | 485 (Harborne & Quinton) Squadron

- Managed the delivery of the Aviation Studies (L2) BTEC Specialist Qualification, providing aerospace training through simulated virtual environments
- Support squadron operations as Radio, Cyber, and Music Officer, delivering technical training and promoting cadet engagement.

TECHNICAL SKILLS

Languages (Previously used): VB.NET • Java • Springboot •SQL • Javascript • Typescript • HTML/CSS • PHP
Developer Tools: Git • MySQL • PostgreSQL • Azure VM • Docker • MAMP
- Proficiency with Microsoft Office Suite Applications