Favour St. John

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Education

University of Warwick | Mechanical Engineering Masters   10/2020 - 07/2025
Current Grade 1st - 3rd Year Dissertation 80%

Aldenham School | A-Levels   09/2018 - 07/2020
Mathematics (A) | Physics (A) | Economics (A)

Aldenham School | GCSEs   09/2012 - 07/2016
6A*s and 2A's including Further Maths, Mathematics, Physics and English Language

Skills and Interests

- Soft skills: Problem solving | Critical Thinking | Leadership | Flexibility | Project Management
- Programming Languages: **MATLAB** (High) | **Latex** (High) | **Python** (High) | **HTML** (Intermediate)
- CAD: **Fusion 360** (High) | **Autodesk** (Intermediate) | **Star CCM+** (Intermediate)
- Public Speaking: **Head Usher** at First Love Church | **Member** of F1 and Engineering Society
- Volunteering: **PHAB** (1 Week) | **Woodlands Primary School** (1 Month)
- Sports: Warwick Football Team (1st Team) | Charity Marathons

Work Experience

Revolut | Product Owner (UX)   **07/2024 – 09/2024**
- Utilised **risk management strategies** to identify potential blockers and develop mitigation plans.
- Collaborated with cross-functional teams, like engineering and design to ensure seamless development.
- Detail oriented, organized, demonstrating thoroughness and strong ownership of work.
- Analysed databases using elaborate **SQL queries**
- Monitored key performance metrics and used data-driven insights (KPIs) to inform product decisions.
- Trusted to develop various web and app platforms, using **HTML** from **Figma Designs**

BMW Group | Engineering Software Specialist   **08/2022 - 08/2023**
- Contributed to design and optimisation of mechanical systems, using **GAP** analysis.
- Introduced an **AI** system to help speed up production rates, saving £80,000 for that year.
- Developed Python AI software to differentiate engines, helping with transportation to various plants.
- Conducted **FMEA sessions** to resolve inefficiencies problems.

Alstom | Software Engineer   **02/2019 - 03/2019**
- Helped develop a new human interface system using **HTML, CSS** and **JavaScript.**
- Participated in the development and maintenance of the organisation's computer systems.
- Worked on various software that gave me an insight into railway systems.
- Transferred customer needs into functional requirements for specific computer systems.

Santander | Systems Engineer   **08/2018 - 09/2018**
- Trusted to conduct routine system checks.
- Reasoned logically when solving customer queries related to their banking accounts.
- Presented ideas to regional managers on how they could deal with upcoming Banking problems

Personal Projects and Achievements

- **UKMT Maths Challenge** - 2 Silver Awards
- First Love Warwick Church Website (A website to help bring Christians together on campus)
- Dissertation – Automatic excel data analyser for Aerodynamics (MatLab)
- Self-taught (coding) - Development of Retro Snake Game, Online calculator and Recipe Website