JIMMY BOWCOTT

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TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript/TypeScript, C#, Python, SQL (T-SQL)
Frameworks: Vite, React, Jest, TailwindCSS, PyTorch, Tensorflow
Developer Tools: Git, Webpack, VS Code, Visual Studio, MS SQL Server

PROJECTS

3D Visualiser | *HTML, CSS, TypeScript, React, React Three Fiber, TailwindCSS*
- Delivered an interactive site with a 3D product demo using React Three Fiber, meeting client specifications and tight deadlines. Ensured type safety with TypeScript and achieved a fully responsive mobile design.

Pixterest | *HTML, CSS, JavaScript, React, API, TailwindCSS*   jimmybowcott.github.io/pixterest
- Built a Pinterest front-end clone with search and save functionality via DeviantArt's API, delivering a fully responsive design with a unique theme variation.

Algorithm Visualiser | *HTML, CSS, JavaScript, React, TailwindCSS*   jimmybowcott.github.io/algorithm-visualiser
- Developed an algorithm visualizer for search and sort methods, incorporating array, tree, and graph structures with interactive, mobile-friendly design.

EDUCATION

Loughborough University   2021 - 2024
BEng in Aeronautical Engineering, (first class honours)   *Loughborough, LE11*
- Project: Programmed a deep learning app for automotive sensors, slashing data processing time by 80% and boosting data availability with enhanced error handling.

Glyn School   2017 - 2021
A-level Spanish, Maths, Physics, EPQ (A*, A*, B, A*) and 10 GCSEs   *Epsom, KT17*

EXPERIENCE

Team Leader   2021 - 2024
The Junction Church   *Loughborough, LE11*
- Developed leadership and communication skills by tripling team size and doubling member engagement, significantly enhancing team impact and visibility.

Officer Cadet   2021 - 2022
British Army (East Midlands UOTC)   *Beeston, NG9*
- Gained crucial leadership and organisational skills, including training in high pressure environments both in the UK and overseas.

ADDITIONAL INFORMATION

- 4+ years of graphic design experience
- Spanish speaker
- Full UK drivers licence