

WILL VINCENT HOSKING

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SUMMARY

Second year mechanical engineering student at CCCU with a foundation in software and a drive to build cool, functional projects. Confident communicator experienced in running my own business, managing commercial clients, shipping live mobile apps, and building full-stack platforms. Looking for a summer 2027 internship in robotics, mechanical engineering, or mechatronics where I can get stuck into challenging hardware and software builds.

EDUCATION

Canterbury Christ Church University (CCCU)

BEng (Hons) Mechanical Engineering | Expected Graduation: 2028

- Foundation Year in Software Engineering (2024 to 2025): Learned full-stack software development and practical application architecture, using these skills to launch client systems and personal apps.
- Relevant Modules: Integrated Electro-Mechanical Engineering and Systems, Computer Aided Design (CAD), Mechanics and Materials, Dynamics and Control, Engineering Mathematics.

St Edmund's School, Canterbury

GCSEs | Completed 2022

TECHNICAL AND PRACTICAL PROJECTS

Assembly Labs (assemblylabs.tech) | Creator and Developer | 2025 to Present

- Built a gamified STEM learning platform styled like Tinkercad to practice electrical engineering, circuits, physics, and maths interactively.
- Created browser-based simulation workspaces from scratch to test formulas and circuit logic dynamically.
- Deployed the platform live as a public technical tool and personal learning environment.

Multi-Axis Robotic Arm CAD Assembly | CCCU Engineering | 2025 to 2026

- Modeled and assembled a multi-DOF articulated robotic arm mechanism in Autodesk Fusion 360.
- Simulated range of motion and joint articulation in CAD to eliminate part collisions and evaluate mechanical reach.
- Designed custom component mounts and brackets applying Design for Additive Manufacturing (DFAM) principles.

iOS Calorie Tracking Application | Developer and Creator | 2025 to Present

- Engineered and deployed a native mobile utility application currently live on the iOS App Store.
- Built the frontend and reactive state handling using React Native, designing an intuitive daily tracking UI for personal and public use.
- Managed complete App Store submission, testing, and production deployment cycles.

WORK EXPERIENCE

VVH Developments (vvhdevelopments.com) | Founder and Client Lead | 2024 to Present

- Run a client agency delivering custom web applications, mobile platforms, and social media management for commercial businesses.
- Build automated voice and messaging bots using custom APIs, webhooks, and state-machine logic to qualify inbound leads for clients.
- Drive client acquisition, handle pitch meetings, scope project requirements, and manage ongoing client communication directly.

Business Administration Apprentice | Canterbury Christ Church University | Jan 2023 to Jul 2024

- Supported cross-departmental operations across Student Support Services and Marketing teams.
- Built and maintained reporting sheets in Microsoft Excel, improving internal turnaround times and data organization.

TECHNICAL SKILLS

CAD and Prototyping: Autodesk Fusion 360, Technical Drawings, 3D Printing (FDM), Electro-Mechanical Systems, Kinematics basics.

Software and Web: JavaScript, ReactJS, React Native, Mobile App Deployment (iOS), HTML5, CSS, REST APIs, Webhooks.

Tools and Workflows: Microsoft Excel, Git, Social Media Management, Client Scoping and Communications.

EXTRACURRICULAR AND LICENCES

International Athletics: Represented England at the European Roller Hockey Championships in Spain (2022); National Championship Winner.

Licences: Full clean UK Driving Licence.