

Brandon Cheng Woolcock

Graduate Mechatronics Engineer

www.bobowk.me

VIC 3029

PROFILE

Graduate mechatronics engineer with experience in manufacturing environments seeking a full-time position to apply strong technical knowledge within the automation industry and hone valuable industry-specific skillsets to facilitate career progression.

SKILLS

- Software development & systems integration
- High and low-level languages, PLCs, etc.
- Data filtering, Machine learning modelling
- Computer-aided design (CAD) software
- Project management and scheduling.
- Engineering design and analysis processes
- Team management and organisation
- Strong communication and sales skills
- Excellent dynamic problem solving

WORK EXPERIENCE

Graduate Mechatronics Engineer

Feb 2025 – Present

Infrabuild

- Led the implementation in digitising critical maintenance check sheets and other business forms utilising an enterprise solution to improve processes around the business.
- Involved in data analysis, validation and cleaning to develop machine learning models to increase efficiency and predictive power within the manufacturing process.

Skills: React.js, VB.NET, HTML/CSS/JS, Jotform

Technical Systems Coordinator

June 2020 – July 2025

Connect City Church Association

- Planned, designed and implemented audiovisual tech, live-streaming and production systems for weekly services. Diagnosed issues in real-time when arisen both on-site and remotely.
- Project planned, designed and developed a multi-campus website for a large global organisation.

Skills: Systems Engineering, Redundancy planning, Web development, Database Queries, Project planning

Sales Lead

June 2023 – Jan 2025

Samsung Australia

- Ranked top in sales among a team of 20, generating over \$300,000 in annual revenue through strong communication and sales interactions, winning multiple 'Most Valuable Player' monthly awards.
- Coached and managed sales team using developmental coaching techniques, ensuring weekly KPIs and targets were met.

Skills: Sales, Communication, Team Management

MEMBERSHIPS & INTERESTS

- Engineering Australia membership
- Graphic design
- Programming
- Music (Drumming, Bass Guitar, Piano)
- Coffee enthusiast
- Rocket science
- Youth volunteering and leadership
- Web development
- 3D printing

EDUCATION

RMIT University

Bachelor of Engineering (Manufacturing & Mechatronics) (Honours) H1

- **WAM:** 80
- **Capstone:** Development of a tendon-driven continuum robot for search and rescue.
- Developed, designed, prototyped and pitched a low-cost 3D printed prosthetic hand device.
- Received a perfect score (100% overall) in Web Programming, which involved HTML/CSS/JS and SQL database CRUD programming.