

# Brandon Cheng Woolcock

Graduate Manufacturing & Mechatronics Engineer

0426 567 442 | [me@bobowk.me](mailto:me@bobowk.me) | [www.bobowk.me](http://www.bobowk.me) | Melbourne VIC 3029

---

## PROFILE

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

---

## SKILLS

- Software development & systems integration
  - High and low-level languages, PLCs, etc.
  - Database and web development languages.
  - 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 development and implementation of advanced software integration digitising critical maintenance check sheets utilising a mobile based solution with capabilities to view check sheet submissions via a computer application.
- Planned software integration projects using Agile methodologies, collaborating with stakeholders to define requirements and ensure seamless connectivity with Google Sheets as a project database.

**Skills:** ReactJS, VB.NET, HTML/CSS/JS, Database CRUD operations, Google API usage

### UX and Development Lead (Freelance)

June 2020 – Present

Connect City Association Inc

- Project planned, designed and developed a multi-campus website for a large global organisation.
- Handled user databases, ensuring security, compliance with The Privacy Act 1988 to ensure personal information is kept securely and appropriately.

**Skills:** 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, directing)
  - 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.