

Cameron Johns

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Career Objective

A Final year Bachelor of Engineering (Mechatronics) student with a strong skills in Production Engineering, New Product Introduction and Root Cause analysis. Eager to apply my knowledge in Embedded Systems, Mechanical Design, and PCB Fabrication in cutting edge manufacturing. Passionate about pursuing opportunities in Defence, Manufacturing, and Medical Device industries.

Education

Bachelor of Engineering

Mar 23 – Dec 26 (Expected)

University of Technology Sydney

- Majoring in Mechatronics with a distinction average.

Bachelor of Engineering

March 21 – Dec 22

University of Wollongong

- Majoring in Mechatronics with a high Credit average.

Higher School Certificate

Oct 20

Sylvania High School

HSC Subjects

- Math Ext. 1, Math Adv., Physics, Engineering Studies, Information Processing Technology, English Std.

Technical Skills

- NPI, DFM, PFMEA
- PCB Analysis and
- CAD Software: SolidWorks, Fusion360, Altium
- Programming Languages: C++, Arduino, C, Python
- Development Environments: Visual Studio Code, Arduino IDE, ROS
- Development Tools: GitHub, Jira, Bitbucket, SVN
- Interest in 3D Printing and designing for Additive Manufacturing

Currently working towards SolidWorks CAD Design Associate (CSWA) Certification

Employment

Advanced Navigation

Production Engineering Intern

Jan 25 – Current

- New Product Introduction, including DFMA Reviews and PFMEA.
- Responsible for a production line and improving output by 50% whilst reducing COGs
- Leading RMAs and quarantines, diagnosing PCBs and root cause for field failures
- Yield and Takt Time analysis, improvements and implementation
- Product Change Request Management, Stakeholder Management

NSW Health, Sutherland Hospital

Operating Theatre Technician

Jun 22 – Current

- Working in a multidisciplinary environment with Consultants, Medical Officers, Nurses, Clinical Support staff and Administrators
- Working in a team with a common goal
- Check, maintain and procure Operating Theatre equipment prior to surgery
- Confirm the working environment is safe and clean for patients and staff
- Managing time critical tasks and objectives effectively

Zone Bowling Southgate

Facilities Technician

Mar 17 – Jan 23

- Mechanical fitting and repairs on legacy Bowling Pinsetters
- Sole person in charge of safety and faults throughout the venue on shift
- Repairs and maintenance on 55 arcade machines, 4 POS Systems, commercial appliances and general building upkeep
- Dealing with customer complaints and injuries
- Responsibility of liaising with Police, Fire and Ambulance services during routine and urgent calls

Private Math Tutoring

Feb 21 - Current

- K – 10 Mathematics and Science
- Yr 11-12 Mathematics Standard and Advanced
- Yr 11 – 12 Information Processing Technology and Engineering Studies

Transferable Skills

Communication	Working in a multidisciplinary team of Consultants, Medical Officer and Clinical staff. Liaising with Medical Device Representatives for training and upskilling on new Medical Products/
Problem Solving	Mechanical fitting and repairs on complex machines, totaling over 500 moving parts. Understanding the assembly process and taking a holistic approach to understand root causes of faults.
Leadership	Team leader at my Zone Bowling, overseeing tournament preparation and event coordination.

Referees

Available upon request