

Career Goal

Experienced Control Systems Engineer with expertise in PLC programming, robotics, 3D Printing, CAD and AI technologies. Passionate about designing automated solutions, optimising systems, and leading teams to solve complex engineering challenges. Seeking to contribute technical and leadership skills to a forward-thinking organisation

WORK EXPERIENCE

Automation & Control Systems Engineer | Crossmuller

June 2022 – Present

- Program **automated warehousing systems** and optimise production lines for efficiency.
- Diagnose and **resolve complex automation issues**, ensuring **99%+ uptime** for production lines.
- Engage in design meetings, providing input and solutions for engineering challenges and design projects.

Army Cadet Staff | Waverley College

May 2023 - Present

- Create and present **engaging lessons** to cadets, fostering their learning and skill development.
- **Supervise and support a unit of 400+ cadets** during training activities and camps, ensuring their **safety and well-being**.
- Provide mentorship and leadership to junior cadets, guiding their personal and skill development.

President | UTS Mechsoc

January 2025 – December 2025

- Directed operations, strategy, and engagement, leading to **42% membership growth** to 595 members
- Managed a **20-member executive team** to deliver **65 events**.
- Increased **member engagement to 57%** and achieved **97% UTS student participation**
- Strengthened retention and event impact through targeted initiatives and sustained member involvement.

Founder and Events Director | UTS Mechsoc

January 2024 – December 2024

- Grew membership to **400+ members in its first year** through strategic marketing and engaging events.
- Organised and led **28 events**, managing logistics, budgeting and execution.
- Secured **\$8865 in sponsorship** and **\$5000 in grants** to support society events and growth.
- Oversaw all event administration, including **budgeting, scheduling and compliance**.

Office Manager | SJW Real Estate Services

August 2018 – January 2020

- Handled **filing, scanning and contractor details** to ensure organised operations.
- Assisted in compiling **market research reports**, contributing to strategic business insights.
- Facilitated **quarterly planning activities**, contributing to strategic decision-making processes.
- Provided **IT support** to ensure smooth operations of office technology and systems.

Career Note

Prior Experience includes 5 years as a sales assistant at Kmart Pagewood

April 2018 – April 2023

Prior Experience includes 3 years as a team member at Bunnings Eastgardens

April 2020 – January 2023

EDUCATION

Bachelor of Mechatronic Engineering (Honours), Diploma in Professional Practice

University of Technology Sydney (UTS)

- Grade Point Average of 6.31/7
- Weighted Average Mark 86.05
- Engineering and IT Dean's list Awards

TECHNICAL SKILLS

- **CAD Software:** Fusion360, SolidWorks, Revit
- **Programming:** Ladder Logic, Siemens TIA, Python, Fanuc Roboguide, Demo 3D

CORE COMPETENCIES

- **Attention to Detail:** Ensures accuracy in engineering designs, programming, and project execution.
- **Research & Analytical Skills:** Skilled in gathering, analysing, and applying technical data for informed decision-making.
- **Organisational Skills:** Efficiently manages projects, events, and engineering tasks with strong time management and coordination.
- **Problem-Solving:** Applies critical thinking to diagnose and resolve complex engineering challenges.
- **Proactive Learning:** Continuously updates technical knowledge and adapts quickly to new technologies.

LEADERSHIP & INTERPERSONAL SKILLS

- **Leadership & Teamwork:** Led a team as Senior Under Officer (SUO2) of Training in the Waverley College Cadet Unit, overseeing the training of a 400+ member cadet unit.
- **Leadership & Mentorship:** Mentored junior members of the UTS Mechsoc team, fostering their professional growth and ensuring effective collaboration in event planning and execution.
- **Customer Service Skills:** Developed through multiple retail roles, providing tailored product recommendations and assisting with purchases and returns.

EVENT COORDINATION & TEAM MANAGEMENT

- **Event Planning & Execution:** Led a team as Events Director for UTS Mechsoc, organising 28 events, including industry nights, trivia nights, and ski trips. Managed logistics, budgeting, and scheduling for successful outcomes.
- **Team Collaboration:** Delegated tasks effectively and facilitated post-event evaluations to improve future performance.

REFERENCES

Available on request