Aidan Korpar

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Career Goal

As a final-year engineering student and experienced control systems engineer, I aim to apply my skills in PLC programming, robotics, and CAD to deliver innovative solutions for automated systems. Combining hands-on technical expertise with strong leadership and teamwork abilities, I strive to add value to a forward-thinking engineering organisation by solving complex challenges and driving impactful results

EDUCATION

Bachelor of Mechatronic Engineering (Honours)   **February 2021 – December 2025 (Expected)**
University of Technology Sydney (UTS)
- GPA of 6.24
- 2023 Dean's list (Engineering)

NSW High School Certificate   **February 2015 – December 2020**
- High achieving student with many academic awards
- Rank of Senior Under Officer 2 (SUO2) of Training within the Waverley College Cadet Unit
- Duke of Edinburgh's Bronze award

WORK EXPERIENCE

Founder and Events Director |UTS Mechsoc   **January 2024 – Present**
- Lead event planning from start to finish, ensuring smooth execution.
- Coordinate with vendors, suppliers, and venues to secure resources cost-effectively.
- Handle all administrative responsibilities associated with events, encompassing budgeting, scheduling.
- Oversee staff for efficient operations and exceptional service.

Undergraduate Control Systems Engineer | Crossmuller **July 2021 – Present**
- Program automated warehousing systems and optimize production lines for efficiency.
- Diagnose and resolve issues within automated production line systems, ensuring continuous operation.
- Engage in design meetings, providing input and solutions for engineering challenges and design projects.

WCCU Army Cadet Staff | Waverley College   **May 2023 - Present**
- Create and present engaging lessons to cadets, fostering their learning and skill development.
- Supervise and support cadets during activities and camps, ensuring their safety and well-being.

Office Manager | SJW Real Estate Services   **August 2018 – January 2019**
- Handled filing, scanning, and printing tasks for Strata and contractor details as primary responsibilities.
- Assisted in compiling various reports and documents to support organizational objectives.
- Facilitated quarterly planning activities, contributing to strategic decision-making processes.
- Provided IT support to ensure smooth operations of office technology and systems.
- Conducted market research to gather insights and inform business strategies.

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

TECHNICAL SKILLS

- Proficient in CAD Software: Fusion360, Solidworks, Revit
- Skilled in Ladder Logic programming
- Experienced with Siemens TIA
- Familiar with Fanuc Roboguide

- Strong mathematical aptitude
- Attention to detail
- Effective research capabilities
- Excellent organizational skills
- Proactive attitude towards learning

CORE SKILLS

Leadership and Teamwork	Demonstrated through achieving the rank of SUO2 of Training in the Waverley College Cadet Unit where I was responsible for managing a small team that oversaw and ran the training for the whole Cadet unit.
Strong Customer Service Skills	Displayed through multiple casual retail jobs that involved customer interaction through helping customers deciding what product was right for their application. As well as assisting in the purchasing and returning of store items.
Organisation	Displayed in my time within the Waverley College Cadet unit through managing the setup, organisation, and timing of training operations weekly and at annual camps. Further displayed through my time as events director of UTS Mechsoc where I organised and ran many events such as Industry nights, trivia nights and even a ski trip.
Problem Solving	Demonstrated at work when a customer's warehousing line was experiencing issues whilst other engineers and my manager were unavailable. I was able to remote into the system, diagnose the problem and implement a solution.

REFERENCES

Available on request