

# Aaron Heerings

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## Professional Profile

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I am a recent double-degree graduate in Electrical/Electronic Engineering and Business Management (RMIT), with hands-on experience across Defence, Automotive and Electronics industries. Proven abilities to thrive in fast-paced, multi-disciplinary environments, building relationships across engineering, trades and project management teams to deliver results on time and to a high standard.

## Professional Experience

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### Electrical Engineering Intern – **ASC Pty. Ltd.** — Nov 2025 – Feb 2026

- Conducted maintenance engineering for Australia's Collins Class Submarines, working alongside multi-functional teams of engineers, trades and Navy personnel to plan and execute planned and reactive maintenance activities
- Coordinated reactive root cause analyses on electrical system failures, identifying corrective actions that reduced the recurrence of breakdowns and supported ongoing submarine operational readiness
- Performed technical analysis across multiple platforms to support engineering decision-making and ensure compliance with Defence standards
- Prepared detailed technical documentation including product deviation reports, engineering surveys, work procedures and technical specifications to professional Defence standards

### Electronics Assembly Technician – **Cryologic** — Jun 2024 – Present

- Soldering PCBs and fabricating 8+ high-quality electronic devices for the global cryopreservation industry, consistently meeting industry specifications and improving production efficiency
- Diagnosing and repairing faults in electronic circuits and assemblies using systematic troubleshooting, electrical drawings and fundamental electrical theory
- Maintaining accurate component inventory records and creating detailed work instructions for enabling efficient onboarding of future employees

### Electrical & Systems Engineering Intern – **Robert Bosch** — Feb 2025 – Dec 2025

- Developed software to automatically translate customer requirement documents into standardised engineering formats. This directly supported systems engineering teams and improving efficiency
- Applied the ASPICE structured development framework across project workflows, ensuring all deliverables met defined requirements and process standards
- Trained an AI model to interpret UML diagrams and convert visual information to structured text, to expand the team's capability. This enable the team to process complex technical documents and make changes to diagrams efficiently

### Engineering Intern – **Defence Science and Technology Group** — Nov 2023 – Feb 2024

- Authored and published an official Defence research report, enabling international adoption of software I developed during the project
- Planned and facilitated weekly progress meetings with structured agendas, driving decisions and ensuring on-time project delivery
- Presented my research findings to a diverse technical and non-technical audience at the 2024 DSTEM conference, clearly communicating key insights and recommendations

### Duty Manager – **ALDI** — Mar 2023 – Jun 2024

- Supervised teams of up to 8 people in a high-volume, fast-paced retail environment, allocating tasks based on priority to maintain store performance
- Managed customer interactions and resolved complaints, demonstrating strong interpersonal skills and a solutions-focused approach under pressure

## Education

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### **Bachelor of Engineering (Honours) – Electrical/Electronic – RMIT University** — Jan 2022 – Jun 2026

- Weighted Average Mark: 78% (to date)
- Coursework: Control Systems, Signal Processing, Systems Engineering, Embedded & Real-Time Systems, Electronics, Industrial Automation, Electrical Design, High Voltage Protection
- Tools & Software: Altium, MATLAB, Python, C/C++, QNX, SolidWorks, Siemens TIA Portal, Microsoft Office
- Team projects include Engineers Without Borders Challenge - delivering technical documentation and adhering to project scope within a multidisciplinary team

### **Bachelor of Business (Management) – RMIT University** — Jan 2022 – Jun 2026

- High Distinctions in strategy and management coursework, applying a strong focus on structured problem-solving, analytical frameworks and business decision-making
- Tools: Excel, PowerPoint, Canva, Photoshop

## Key Skills

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**Engineering & Technical:** High Protection Protection, PLC Design, fault diagnosis & troubleshooting, PCB assembly, risk assessments, embedded system design, technical report writing, hands on practical trade skills (soldering, welding, hand & power tools)

**Project & Systems:** Requirements engineering, project scheduling and management (Jira, Doors and other internal tools), structured problem-solving using fishbone analysis

**Communication & Collaboration:** Stakeholder engagement across engineering/trades/management, technical writing, presentations to mixed audiences

**Leadership:** Team supervision (ALDI Duty Manager), coaching and mentoring (basketball coach/captain)

## Certifications

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- Advanced and Intermediate Excel Training (certified)
- Intermediate Python Training (certified)
- First Aid Certificate – HLTAID011 Level 2

## References

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Available upon request