# Thomas Loch

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## Summary

Experienced Technical assistant with a demonstrated ability of working in the electrical and electronic manufacturing industry. Skilled in Autodesk Inventor, AutoCAD, Altium Designer. Strong professional with a Bachelor of Aviation from Griffith University. Currently studying a Bachelor of Engineering (Honours) Majoring in Computer Systems at USQ.

## Education

**2018 - 2021, University of Southern Queensland, Australia**
Bachelor of Engineering (Honours) Majoring in Computer Systems
GPA: 6.25

**2009 - 2012, Griffith University, Australia**
Bachelor of Aviation, Graduate Diploma of Flight Management
GPA: 4.6

**2007 - 2008, Metropoltan South Institute of TAFE**
Certificate III in Computer Aided Drafting

**2004 - 2008, Loganlea State High School**
High School Certificate Year 12

## Work Experience

**07/2016 - 11/2017, Pacific Data Systems Australia Pty. Ltd.**
Production Technician | R&D Technician
○ Assembly and testing of company products, using machines and hand tools.
○ Assembly of pcb's, using a pick and place machine (Autotronik BA385V2), and reflow oven.
○ Assembly of small R&D pcb batches, using hand tools, down to 0402 sized components.
○ Programming, fault finding and fixing of assembly and R&D pcb's.
○ Designing circuit boards, to a strict set of design standards based on product needs.
○ Maintaining an up to date inventory of all components, and upkeeping the BOM of all company electronic products.
○ Making inhouse modbus testing software using C#

**11/2013 - 07/2016, Aldi**
Trainee Store Manager (from 10/2014) | Workplace Health & Safety Officer
○ Exceptional customer service.
○ Responsibility of all store money.
○ Ensuring shifts happen as scheduled, within operational guidelines at all times.
○ Staff training, and maintenance of standards among all staff.

**04/2011 - 07/2013, Woolworths Supermarket**
Perishables Assistant | Storeman
○ Customer service.
○ Stock monitoring, presentation, and preparation.
○ Cold stock handling.
○ Oversight of safety on the dock.
○ Accepting deliveries & safe loading/unloading of trucks.

### 05/2009 - 10/2010, IKEA Logan
Self Serve Co-Worker

- Customer service.
- Assisting customer with heavy lifting.
- Warehouse tidyness & preperation.
- Stock handling.

# Skills

### Languages

- English
- Dutch

### Computer software | languages

- AutoCAD - 2d/DXF preperation for production.
- Inventor - 3d modeling and sheet metal design.
- Altium - 2-4 layer design, down to 0402 size
- C/C++ - Custom keyboards, usb io boards
- C# - Testing software, using RS485/Modbus
- HTML/JavaScript - Basic website design, pure JavaScript
- Latex - Math assesment, resumes & cover letters
- Git - multi user project (pcb design projects)

### Other

- I run my own business designing and selling custom keyboards

# Aviation

### License
Commercial Pilot License 11/04/2012 | Training Completed at the Airline Academy of Australia
Private Pilot License 18/07/2011 | Training Completed at the Airline Academy of Australia

### Rating & Endorsements

- Single Engine ($<$5,700 kg)
- Beechcraft Duchess BE76
- Manual Propeller Pitch Control
- Retractable Undercarriage
- Tailwheel Undercarriage

### Flight Hours
- Total time:               240 Hrs
- Pilot in Command:         80 Hrs
- Multi Engine:             30 Hrs
- Night Time:               12 Hrs
- Beechcraft Duchess:       30 Hrs
- Cessna 172RG:             49 Hrs
- Cessna 172R/S:            154 Hrs
- Citabria:                 7 Hrs

# References

**Martin Akman**
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