

DAN SHARP

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PROFILE

Aerospace engineering student with fifteen years of broad experience managing diverse teams. My expertise is designing and building code and hardware solutions that are underpinned with logic, data driven insights and technical excellence.

KEY SKILLS

Clear and effective communication
Detail oriented
Logical problem solver
Understanding of technical drawings and engineering syntax
Custom hardware and code solutions
Creative thinking
Project management

KEY COMPETENCIES

MS Office Suite Excel, Word and PowerPoint
Programming languages: Python, C++, MATLAB
Data management and visualization: Pandas Library
CAD: Fusion 360
Fused filament fabrication
PCB design and manufacture
Electronic test and measurement
Wood and metal fabrication
Research and report writing

PROJECT SHOWCASE

<https://dan-sharp.com>

KEY ACHIEVEMENTS

2017 Gourmet Traveler Restaurant Awards - Sommelier of the Year

CURRENT PROJECTS AND EXPERIENCE

Project Manager at Design, Build, Fly UNSW Student Project
<https://www.challeng.unsw.edu.au/challeng-projects/aiaa-design-build-fly>

WORK EXPERIENCE

Sommelier Wine Library January 2018 – present
Sydney, Australia

- Developed custom ordering and purchase management system using Excel and Python.
- Designed and built a custom large volume gas adaptor for wine preservation system.

Head Sommelier Sixpenny March 2014 – December 2017
Sydney, Australia

- Managed and trained a team of sommeliers to high standards.

EDUCATION

UNSW • Sydney, Australia January 2020 – present
Bachelor of Engineering • Aerospace

University of New England • Armidale, NSW January 2015 – January 2019
Bachelor of Science • Physics & Mathematics • Distinction Average

Air New Zealand Academy • Christchurch, New Zealand January 2000 – November 2001

- *Attained credits towards level 3 certificate in Aeronautical Engineering*

INTERESTS

Flying sailplanes, designing and building UAV's, programming and reading.