

Will Madl

Contact

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About Me

Technical Skills

Python, Unix/Linux, MySQL, Node.js, Xcode, Office 365, Adobe Creative Cloud, SwiftUI, HTML, CSS, JS, Visual Basic, C#, Intercal

Video/Photography

Adobe Photoshop, Adobe Lightroom, Adobe Premiere Pro, Final Cut Pro, Da Vinci Resolve

Interests

Music, Orienteering, Software Design, Building, Tech

Leadership

Captain of Canberra Grammar School Orienteering

Education/Accreditations

Canberra Grammar School

Higher School Certificate – 2021

Canberra Grammar School Medal

The Cameron Hood Memorial Prize for Services to the School through Information Technology

Code Cadets / Code Cadets Events (2016-2021)

Concert Band, Choir (2015-2021)

Orienteering (2014-2021)

Basketball (2016-2017)

Ainslie Primary School (2009-2013)

Remote Pilot Licence (RePL) (2019)

CASA certification to operate drones up to 7kg

Working With Vulnerable People Card (WWVP)

Registration No. 00655703

Experience

Live Production (2016-2021)

Live Production, camera operation, drone piloting, drone camera operating

Oceania 2019 - Orienteering ACT, Event timing

Wagga Wagga / Wangaratta / Beechworth, NSW / VIC (Summer 2019)

Demanding 2 weeks of event timing for the World Series Orienteering event

Good team player and leader

Managed timing software throughout the fortnight. Was responsible for solving any issues.

Teaching Programming (2022-2023)

Teaching programming to students at all skill levels from year 7 to 12 at

Canberra Grammar School covering a variety of fields and mediums including:

BBC micro:bits, Arduino, Raspberry Pis (Python), Parrot AR drones, Facial recognition using AI.

Competitions and Personal Projects

B-Sides (2019-2021)

Part of a team specialising in cryptography but overall contributing to the reverse engineering, binary exploitation, and forensics tasks.

2019 UNSW ProgComp (June 2019)

Part of a three-person team, solving complex coding challenges in Python in two hours at the Intermediate level

CGS Code Cadets CTF Staff (April 2019)

Wrote multiple challenging programming challenges for students

Code Cadets San Francisco Silicon Valley Tour (January 2020)

Two weeks of visiting San Francisco, Silicon Valley and Seattle to go into high end technology companies' campuses to understand what they do and to get a better understanding of the work done at these companies and the type of culture in them.

These campuses included Amazon HQ and Fulfillment Centre in Seattle, Microsoft HQ also in Seattle. Google HQ, Apple Infinite Loop, Intel HQ, Facebook HQ (MPK2021, Area 404), Elastic HQ, Palantir HQ, ServiceNow HQ, NetApp HQ, Unity HQ, Uber / Uber Elevate HQ, Glassdoor HQ and VMware HQ.