

Callum Lawson-Smith

Software developer with a passion for designing, developing, and deploying clean solutions to complex problems. Strong advocate of minimalism and complexity reduction.

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EMPLOYMENT

British Telecom, North Sydney — *Software Developer*

August 2019 - July 2020

Worked in a close-knit team designing and developing a cyber-security software project for a confidential client.

Maintained customer relations, providing strategic direction or recommendations, alongside design decisions of the project to meet delivery targets.

EDUCATION

Macquarie University, Sydney — *Bachelor of IT*

February 2018 - November 2019

Completed with a major in cyber security.

This degree covered a broad spectrum of the computer science field including: software engineering, cyber security, networking, databases, and operating systems.

PROJECTS

Portfolio — *My personal website*

A website built to provide an online presence, containing personal details, projects, and blog posts.

Ogre — *Software Installer Agent*

A simple program written in F# for Windows 10 that downloads a set of software and installs it on the machine.

SKILLS

Python

Developed packages and modules to interface with network data, system information, and databases on a Linux system.

.NET

Built a system information tool in C# that utilised Windows management instrumentation

Linux & BASH

Used Arch Linux as development distro. Written small shell scripts to automate development processes.

HTML, CSS, Javascript

Used to build my personal website

Object Oriented Design

Used to reduce code complexity and employ code reuse

Git & GitLab

Version control, feature-based branching, trunk-based committing, CI/CD, pull requests, code review

Agile

KANBAN, iterative development, test-driven development, continuous delivery

x86 Assembly

Reverse engineering, malware analysis, and binary exploitation