

# 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.

Sydney, NSW

(+61) 0406 044 114

[callum.lawsonsmith@gmail.com](mailto:callum.lawsonsmith@gmail.com)

[www.callumlawsonsmith.com](http://www.callumlawsonsmith.com)

[www.github.com/ccaalluumm](https://www.github.com/ccaalluumm)

## 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