

FINLAY CAMPBELL

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My name is Finlay and I am a 21 year old software developer with an interest in cyber security and blockchain. I want to software which makes a positive difference to people and infrastructure. I am mostly familiar with Python, especially web development, but also have backend network experience with Linux too.

Outside of programming, I also have an interest in financial markets which I explore while proprietary trading.

I am a Bachelors of Computer Science student at The University of Reading looking for part time/summer work and a placement for my third year.

EXPERIENCE

APRIL 2025 - PRESENT

PROPRIETARY TRADER, SELF EMPLOYED

- Independently traded evaluation and funded accounts through prop firms
- Managed risk and capital across multiple asset classes (forex, commodities, crypto)
- Maintained detailed records for compliance and taxation
- Grew accounts through disciplined strategy and self-reflection
- Build a prop-trading journal web app to log trades to aid in reflection and strategy testing/evaluation

DECEMBER 2022 – MARCH 2023

PICKER/PACKER, CHILTERN SEEDS

- Maintained high levels of accuracy and efficiency while picking and packing orders for shipment
- Optimized stockroom organization to improve overall productivity and reduce errors
- Assisted packers in assembling and shipping orders, ensuring they were completed on time and with precision
- Successfully fulfilled a temporary position from December 2022 to March 31st 2023

SEPTEMBER 2021 – NOVEMBER 2021

WEB DEVELOPER, SAGE

- Oversaw a team in the successful design, testing and implementation of a website using Local and Wordpress
- Effectively communicated project progress to executives at Sage, resulting in positive outcomes
- Demonstrated leadership abilities by guiding team members towards accomplishing project goals
- Not a paid position, was purely work experience.

JULY 2019 – JUNE 2019

WEB DEVELOPER, SAGE

- Worked in a team of a team of 5 to develop and test a website using Django

- Learnt Django from the ground up with never having touched the framework before
- Mainly focused on backend but touched slightly on frontend, too
- Not a paid position, was purely work experience.

EDUCATION

SEPTEMBER 2024 - CURRENT

BACHELORS OF COMPUTER SCIENCE, THE UNIVERSITY OF READING

This is ongoing, but in my first year I am aiming for a first class honors.

SEPTEMBER 2020 - AUGUST 2022

LEVEL 3 BTEC EXTENDED DIPLOMA COMPUTER SCIENCE, UTC READING

Grade: DDM

A level equivalent: A A C

SEPTEMBER 2018 - AUGUST 2020

GCSE, UTC READING

- Joined UTC to complete GCSEs and worked in the Cyber Security enrichment
- Computer Science – 8
- English Language – 7
- Chemistry Higher – 6
- English Literature – 6
- Mathematics – 6
- Biology Higher – 5
- Physics Higher – 5

SKILLS

- Software development – Python, Golang, html, Flask, Django, Java
- Cyber Security – Pentesting, cryptography
- Networking – Nginx, gunicorn, Tor
- Cryptography – RSA, AES, SHA family, pq-crystals
- Linux – Terminal, services, networking

PROJECTS

Silence – A peer to peer messaging app written in Python tunnelled through Tor for maximum security. Github repo here: <https://github.com/projectsilence/silence>

Devote – A blockchain based voting system written in Python with flask for the backend and a template Devote frontend node written in Django. Github repo here: <https://github.com/rootfinlay/Devote>

mPGP – A modern rework of the OpenPGP standard with some changes and the addition of a NIST PQC (Post Quantum Cryptography) algorithm. Github repo here: <https://github.com/modern-pgp/mPGP>

ACTIVITIES

When I'm not programming or studying cyber security, I enjoy rock climbing, cycling, gaming, reading and writing music with my friends.

I used to be a volunteer moderator for UK & Ireland Circuit where I handled support tickets, managed live games and tournaments, and enforced the rules.

I also enjoy trading and analysing the stock market for both a hobby interest and as a job.