

CALLUM HOPKINS

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EDUCATION

Whitefriars College

Victorian Certificate of Education
2017-2018

Swinburne University

Certificate IV in I.T. (Programming)
2022

COURSEWORK

- Advanced critical thinking
- Analyse software requirements
- Apply critical thinking in a team environment
- Apply query language in relational databases
- Build a database
- Build a user interface
- Markup language documents
- Cyber security risk management
- Design databases
- Emerging technologies and practices
- Identify and resolve client ICT problems
- Introductory object-oriented language skills
- Introductory programming skills
- Introductory programming techniques
- IP, ethics and privacy policies
- Object-oriented design
- Support small scale ICT projects
- Test software developments
- Version control
- Work collaboratively in the ICT industry

SKILLS

PROGRAMMING

Confident

JavaScript • Typescript • HTML • Git • C#
(ASP.NetCore) • Svelte

Familiar

MSSQL • Angular • xUnit • CSS • Bootstrap •
Material UI

EXPERIENCE

PROJECTS

HOME LAB

- Set up and maintain a home lab running various services and technologies including Ubuntu, Docker and Apache, running on two old laptops.
- Developed proficiency in bash CLI, configuring and running Docker containers and hosting websites through Apache.

TRAIN KIOSK

- Designed and developed a responsive website template using Angular to list train departures from a selected station.
- Collaborated with a team of four using the Agile methodology, managing tasks through Jira and conducting daily stand-ups.

WEATHER APP

- Created and deployed a responsive website using Svelte that displays the current and forecast weather at any location in Australia.
- Used Cloudflare workers to proxy API calls to Open Weather Map, ensuring security and maintaining performance.

MOVIE AND TV DATABASE

- Creating a website, using Svelte, to search and obtain information on movies and shows.
- Future functionality will include individual user profiles and the ability to create custom lists and reviews.
- Used Cloudflare workers to proxy API calls.

CHAT GPT 2000 CHARACTERS

- Created a simple console application in C# to break large strings of text into 2000 character chunks for easier input into Chat GPT.
- For example, it can be used to break up a large JSON Object to then create a Typescript interface using Chat GPT.

HOBBIES

CYCLING | Road and Track

- Competing in road and track cycling since 15 years of age.
- Train approximately 10 hours a week and race regularly in various events.
- Enjoy keeping up to date with the latest sport science to continually improve my training and recovery.