

Farzad Hayat

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EDUCATION

Queensland University of Technology

Brisbane, AU

Bachelor of Information Technology, majoring in Computer Science

August 2021 – June 2025

- GPA: 6.75 / 7.00
- Accounting and budgeting as the Treasurer for Code Network
- Improving leadership skills by attending College of Excellence events and workshops
- Interests: Compilers, Cryptography, Algorithms & Data Structures, Databases, Systems Design, Cyber Security

PROJECTS

Empathese | *Svelte, OpenAI, TypeScript, Tailwind, Git*

August 2023 – August 2023

- Built and hosted a conversation interpreter web server for the 2023 UQCS Hackathon
- Learned and used Svelte, TypeScript, and Tailwind CSS over a three day period
- Utilized the Whisper API to dictate the conversation and GPT-4 to produce an analysis

Ultimate Earth Championship | *Java, Swing, JUnit, Agile, Git*

March 2023 – June 2023

- Developed a game where you resurrect famous characters and challenge them to thrilling melee battles
- Utilized unit testing and acceptance testing for a comprehensive quality assurance process
- Followed an Agile development methodology to meet project milestones

Internet Pen Database | *Python, Flask, SQLite, JavaScript*

March 2020 – October 2020

- Developed a Flask web server to provide a one stop source of information about pens and pen brands
- Connects to an SQLite database for viewing and modification of data
- Built the pages dynamically using Jinja HTML templating

Breakout | *C#, Unity3D, MagicaVoxel, Blender*

March 2019 – October 2019

- Adventure Android game made using Unity3D engine and programmed in C#
- Rescue the hostages and lead them to the exit while defending against combative enemies
- Consisted of multiple levels with increasing rates of difficulty and complexity

EXPERIENCE

Full House Staff

July 2020 – July 2021

Prince of Persia Restaurant

Christchurch, NZ

- Ability to work efficiently and effectively in a fast-paced and high-pressure environment
- Demonstrated teamwork and collaboration skills by working closely with other staff members
- Improved my ability to prioritize tasks and manage time effectively

EXTRACURRICULAR

Best design and aesthetics: awarded at 2023 Code Network Hackathon for developing a Droid Racing Marksheet app in Flutter and leading the team to success

Competitive programming: placed 17 out of 75 teams in the 2023 ANZAC 1 programming contest

Open Source: contributed to Farsi translations for the tldr-pages project

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML, CSS, Bash

Frameworks: React, Node.js, Tailwind, Flutter, Flask, JUnit

Tools: Linux, Git, VS Code, Eclipse, Figma