

Zarif Solaiman

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EDUCATION

University of Western Australia

Bachelor of Advanced Computer Science (Honours)

Major: Artificial Intelligence

Relevant Coursework: Data Structures and Algorithms, Agile Web Development, Systems Programming, Computer Networks

Perth, Western Australia

Graduation Date: Dec 2025

WORK EXPERIENCE

Coders for Causes

Project Member (Backend Engineer)

Perth, Western Australia

Jun 2024 – Jul 2024

- Developed scalable and maintainable backend services using Django, enhancing system reliability.
- Designed and implemented RSVP endpoints to streamline event registration and confirmations, improving overall user experience.
- Developed and executed API tests to identify and resolve critical issues, ensuring reliable event-related functionalities.

Zonta House Refuge Association

Data Migration and Software Setup Intern

Perth, Western Australia

Nov 2023 – Dec 2023

- Consolidated and organised data from multiple sources into unified spreadsheets, enabling smooth integration into a new software system.
- Utilised Tableau to analyse large datasets, generating clear visualisations to support organisational reporting and decision-making.

PROJECT EXPERIENCE

- <https://zarifs03.github.io/personal-portfolio/> | HTML/CSS/JavaScript
- *NCSR Form Tracker* | HTML/CSS/JavaScript/Flask
 - Collaborated with six team members to deliver a functional solution, meeting client requirements and deadlines.
 - Developed a web application to manage NCSR form data for a client by implementing a role-based access control system using Flask.
 - Automated data extraction from NCSR forms using Python web scraping, enabling faster and more efficient data processing.
- *Mario Reinforcement Learning* | Python
 - Developed AI agents to automate gameplay in Super Mario Bros using reinforcement learning techniques.

SKILLS

Programming: Python, Java, C, JavaScript, HTML/CSS, SQL, React, NextJS, Flask, Django

Software: Git/GitHub, Docker, VS Code, Microsoft Office 365

Soft Skills: Adaptability, Communication, Teamwork, Time Management