

Zarif Solaiman

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EDUCATION

University of Western Australia

Bachelor of Advanced Computer Science (Honours)

Major: Artificial Intelligence

Coursework: Data structures and algorithms, Web development, Software engineering, Machine learning

Perth, Western Australia

Expected Graduation: Dec 2025

WORK EXPERIENCE

Coders for Causes

Software Developer

Perth, Western Australia

Jun 2024 – Jul 2024

Coexist | Python, Django, Django REST, NextJS | coexist-events.vercel.app

- Developed backend functionality, by writing **500 lines of code in Django** to support core application features.
- Improved event registration efficiency by reducing manual confirmation steps and automating RSVP handling through Django REST API endpoints.
- Developed and executed **30+ API tests in Django** to validate the functionality of event-related features.

Zonta House

Data Migration and Software Setup Intern

Perth, Western Australia

Nov 2023 – Dec 2023

- Consolidated and organised **more than 1000 data entries from** multiple sources into unified spreadsheets, streamlining integration into a new software system.
- Conducted data cleansing and validation by identifying and removing duplicate columns and entries.

PROJECT EXPERIENCE

Financial Form Tracker

HTML | CSS | JavaScript | Flask

- Collaborated with a team of six to deliver a functional financial form tracker web application using HTML, CSS and JavaScript, **investing 80 hours individually** to meet client requirements and deadlines.
- Developed a role-based access control system using Flask, implementing user authentication and authorisation to manage different user roles and permissions.

Pomodoro Extension | github.com/zarifs03/pomodoro-extension

HTML | CSS | JavaScript

- Developed a chrome extension to enhance productivity, using vanilla JavaScript and CSS. It features a persistent background service worker architecture that maintains timer state even when the popup is closed.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, C, Java

Developer Tools: Git, Docker, Jira

Libraries/Frameworks: ReactJS, NextJS, Flask, Django

References available upon request.