
Enrico Serrano



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enricoserrano.github.io/



github.com/enricoserrano

Summary Profile

I am a programmer and currently studying for a Bachelor of Computer and Information Science at AUT. I enjoy learning and developing Web and Desktop apps. I wish to make an impact in this world by creating applications that will assist everyone through their daily lives. My goal is to find a work placement that will enhance my skills and knowledge related to my Computer and Information Science degree.

Longer-term, I aim to find a stable career in Software Development and help as many organisations and clients as possible.

Skills

Programming Languages: Java, Javascript, C, C#, Oracle, Python, PHP, MySQL

Core Skills: Git, Linux, OOP, HTML/CSS, Unit Testing, Troubleshooting, Java Streams, Agile SCRUM, Unity

Soft Skills:

- Reliable and Consistent: Always aiming to provide consistent communication and work output
- Leadership: Worked in 'De-Crypt It' team project as a product owner
- Work Ethic: Being punctual, respectful and arriving on time
- Committed to Lifelong learning: I created my portfolio website through online courses and research

Projects

Near-miss Application (HTML/CSS, Agile, PHP, MySQL)

<https://github.com/enricoserrano/Near-Miss-App>

- Currently working with WorkSafe to implement an application that will record near-misses and accidents in the workplace
- This is a group project for our final year of Research and Development
- Enables users to take a photo and annotate hazards in the workplace
- Uses HTML/CSS for frontend, PHP as backend and MySQL for database
- Currently using the AGILE Scrum methodology for the developmental process

De-Crypt It Unity Game (C#, Unity, Agile SCRUM, Unit Testing, Test Driven Development)

<https://github.com/enricoserrano/De-Crypt-It>

- Worked within a Scrum team to develop a 3D-first-person escape room game.
- Developed the game through the use of unity and C# as a programming language.
- Conducted Test Driven Development to ensure robust program functionality.
- Used story point estimation using the scrum poker method.
- Regular standup, sprints, goals, retrospective, and task estimation were conducted to display the developmental process

Who wants to be Millionaire Java Application (Java, Git, Java Streams, OOP, Troubleshooting, Oracle)

https://github.com/enricoserrano/PDC_Project

- Classic game with a set of trivia questions, a leaderboard, and a lifeline for the user.
- Uses OOP, JDBC, JavaSwing and other design patterns.
- Uses Apache Derby Database to store questions and player results.
- Conducted JUnit testing for coding quality and functionality

-Primarily worked on GUI/CLI, Database, code integration and design patterns.

Workshop Website Application (Python, HTML/CSS, JavaScript, MySQL)

<https://github.com/enricoserrano/Workshop>

- Workshop App which aims to help teachers and students organise a workshop session.
- Offers 3 account roles such as admin, teacher and student.
- Uses MySQL as the primary database to store account information and workshop sessions.
- Implemented basic UI and UX designs for users.
- Used HTML/CSS to develop this program.

Education Background

2020 - Present | Bachelor of Computing and Information Science
Auckland University of Technology (City)
High-School | Achieved NCEA Level 2 with Merit Endorsement
High-School | Achieved NCEA Level 3 with Merit Endorsement

Work Experience

Coding Club Aotearoa Volunteer

July 2021 - February 2022

As a volunteer in the coding club, I assist students in how to program and learn basic programming concepts using Scratch, and HTML/CSS.

7 Aylesbury Street, Pakuranga, Auckland 2010

Reference Number:

Will provide upon request

Woods Glass (NZ) LTD Student Worker

November 2020- February 2021

Helped with assembling windows and door frames, housekeeping, devanning and general hand.

11 Olive Rose, Penrose, Auckland 2010

Reference Number:

Will provide upon request

Hella New Zealand Company Student Worker

November 2018 - January 2019

Primarily responsible for making sure products coming out of the machine are high quality, loaded into a box and labelled properly.

81/83 Ben Lomond Crescent, Pakuranga Heights, Auckland 2010

Reference Number:

5770377

Hobbies

- Sports
- App Development
- Watching Movies/TV-Shows
- Semi-Professional in Esports