Amon Ng

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Software Engineering

Strong problem solving skills and analytical abilities.

Experienced in object-oriented programming; developing and debugging code.

Successful working in both team and self-directed environments.

Technology Summary

JavaScript, PHP, Drupal, SQL, HTML, CSS, jQuery, Java, MEAN stack, React Native, Python, Flask, Firebase, Git, Windows, Linux

Key Projects

Visualizing Prolog Clauses (Honours Project), 2017
- Developed a Java application for visualising the data flow of clauses written in Prolog.
- Applied the Agile incremental approach to develop the application.

Freelancing platform targeting NZ creative professionals, 2015-2016
- Developed the website for a local organisation using Drupal 7.
- Features developed include a fully working freelancer portfolio system and a job management system.

RiverWatch Water Quality Measuring Mobile Application (ENGR302), 2015
- A third year university group project that produced a mobile application used to help maintain healthy rivers in New Zealand.
- Developed the Android application utilising the Bluetooth API and REST API for data transfer to servers for water quality analysis.

Personal Projects

Events and Timetable Mobile Application

Developed using React Native and Firebase that enables users to browse local events and their timetable.

Real Time Messaging Web Application

Developed using Python, Flask, jQuery, Socket.IO, and SQLite.

Premier League Football Stats Visualization

Using the d3.js visualization library and JavaScript to visualize the performance of teams competing in the English Premier League.

Work Experience

Drupal Developer, 2015-2016
- Responsible for implementing the back end of the platform.
- Collaborated with a co-developer and product owner in the proof of concept phase.

New World Wellington City, 2014-2015
- Stocked and rotated grocery items.
- Assisted customers with locating items.
- Maintained back stock areas for groceries and replenish shelf supplies.

The Warehouse Lyall Bay, 2011-2013
- Operated the cash register and handled cash transactions with customers.
- Organized store items.
- Assisted customers with locating items.

Education

2013-2017   Bachelor of Engineering (Software), Victoria University of Wellington

2009-2012   Rongotai College