Abhinav Behal

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education

University of Auckland — 2016 - Present
BE(Hons) in Software Engineering – Final Year
GPA 8.50/9.00

work experience

ecoPortal — November 2018 - February 2019
Development and Implementation Intern

– Developed new features for an internally used chrome extension in AngularJS.
– Created a full-stack web application for tracking client usage statistics, using Vue, Express.js, and MongoDB.
– Contributed to on-going software configuration tasks using a custom Lisp dialect.

Enghouse Interactive — March 2017 - February 2018
Software Engineering Intern

– Implemented additional functionality in an internally used testing tool in C# and WPF.
– Developed a standalone chat-bot application using C# and WPF for use in client demonstrations.
– Created reusable audio editing components for use in desktop and web-based applications, using C#, WPF, and Angular.

projects

TaskScheduler
Command line Java application that optimally schedules tasks on processors. Provides a visualisation of the scheduling algorithm and utilises many optimisation techniques in addition to multi-threading as the problem is NP-hard.

Tatai
Desktop application written in Java and JavaFX, that tests users on their ability to correctly pronounce numbers in Maori while solving mathematical problems of adjustable difficulty.

genius.fm
React web application that uses last.fm and genius APIs to retrieve lyrics and their interpretations for your currently playing song.

awards

Dean's Honours List — 2016 - 2018
Awarded to the top 5% of engineering students in each specialisation.

First in Course Awards
Achieved in various courses throughout University, including *Computer Architecture*, *Object-Oriented Software Construction*, and *Software Architecture*.

skills

Languages
Java, C++, C, C#, JavaScript, TypeScript, SQL
Other
Vue, React, Angular, Node.js, MongoDB, Express, WPF, Git, Linux

references

Available on request.