

HARRISON LEACH

Software Engineering Student

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EXPERIENCE

Software Developer Intern

Nintex Promapp

📅 Nov 2019 – Feb 2020

📍 Auckland, NZ

- Full-stack development of new features using React, TypeScript and .NET Core
- Cloud Development using AWS and Azure
- Agile development using Scrum

Nintex Promapp

📅 Jul 2019 – Aug 2019

📍 Auckland, NZ

- Full-stack development of new features using React, TypeScript and .NET Core

Nintex Promapp

📅 Nov 2018 – Feb 2019

📍 Auckland, NZ

- Configured basic AWS EC2, Lambda (Node.js), S3, IAM and SNS via Terraform
- Implemented back-end improvements using C#, .NET Framework, ASP.NET MVC, Entity Framework, and SQL Server
- Designed testable code, wrote unit tests using NUnit and Moq
- Experience with dependency injection frameworks - Autofac

EDUCATION

BE (Hons) in Software Engineering

The University of Auckland

📅 Feb 2017 – Nov 2020

- 2019, 2018 and 2017 UoA Deans Honours List
- Received UoA Maori Academic Excellence Scholarship
- 2019 - First in course for SOFTENG350 - Fundamentals of Database Systems
- 2019 - First in course for SOFTENG364 - Computer Networks
- 2018 - First in course for ENGSCI213 - Mathematical Modelling 2SE

GPA: 8.8/9.0

PROJECTS

Sunny Town - Web Game

A Web-based serious game aimed at promoting Climate Change awareness. Designed for children in intermediate school years (aged 12-13). Built with **Unity** and **C#**. Hosted on **AWS S3**.

Task Scheduler

This project involved using artificial intelligence (AI) and parallel processing power to solve an NP-Hard scheduling problem. Built with **Java**. Our team achieved first in class for fastest sequential execution.

Personal Website

A Simple static website built with **React**, **Sass** and **Gulp**. Hosted on GitHub pages and is kind of mobile-friendly.

PERSONAL STATEMENT

A Software Engineering student ready to quickly adapt to new challenges and eager to learn new skills. My career goal is to become a full-stack software engineer developing web and/or mobile applications in a collaborative organisation.

SKILLS

I am confident with:

React + Typescript

C#/.NET

Java

Node.js

Git

Bash

SQL

HTML + CSS

I have experience with:

Terraform

AWS

Azure

VOLUNTEERING



Summer of Tech

Manning the summer of tech stall at career fairs. Sharing my experience with other students.



UoA Volunteers Club

Helped out in events such as the Auckland Rescue Helicopter trust open-day.

ACTIVITIES AND CLUBS



SoT Create Camp 2019

My team 'Good To Go', were the winners of the UI/UX & Process Excellence prize.

REFEREES

Available on Request