

Richard Ng

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Overview

I want to further enhance and build my software coding abilities and apply my current skills in a team environment. In my spare time I enjoy coding, playing games and playing badminton recreationally.

EXPERIENCE

| SUMMER 2019 | SOFTWARE DEVELOPER INTERN - SOUTHERN CROSS HEALTH SOCIETY

- Created a advanced Alexa Skill using C# and AWS
- Implemented portions of SX's HealthCare Finder to a voice based system
- Use of external APIs to retrieve data and utilise voice login
- Leveraged Alexa's NLP engine to give accurate search results
- Presented our project in front of the Health Society Leadership Team

EDUCATION

| 2017- DEC 2020 | UNIVERSITY OF AUCKLAND

- Bachelor of Engineering (Hons) Software Engineering (3rd Year)
- Worked with fellow students in the UniGuide programme that helped provide guidance and support to new first year students at the University of Auckland

| 2012 - 2016 | LYNFIELD COLLEGE

- Achieved overall excellence endorsement in level 1,2,3 NCEA

PROJECTS

NAME SAYER

Created a JavaFX program that allowed users to practice name pronunciation via real time audio feedback. Included a statistics section so that the user could track their progress.

MyTVList

Created a React Web App hosted on Azure which allowed users to view and make reviews of their favourite TV shows. Had the ability to share their reviews and relevant images on social media.

BEST PATH

Implemented a variation of Dijkstra's algorithm in MATLAB, to find the shortest path between two nodes. In this project, the elevation data was represented as integers in an 2d array.

LANGUAGES AND TECHNOLOGIES

- Java, C#, MATLAB, C, BASH, JavaScript
- AWS Lambda, Azure DevOps, Visual Studio, IntelliJ

INVOLVEMENTS

- Software Engineering Students Association
- Developers Society (UoA)
- What The Hack Hackathon 2019
- UoA Badminton Club
- North Harbour Badminton Club

References available upon request