

Nathan Hur

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Education

Software Engineering (Honors) — The University of Auckland Mar 2015 – Nov 2018
GPA: 3rd year **8.9 / 9.0** (cumulative **8.6**), Dean's Honors list (all years)
Relevant courses: Databases, Artificial Intelligence, Machine Learning, Software Architecture & Design
Languages: Java, Python, Bash

Experience

Software Engineering Intern — Kami Ltd Sep 2017 - Mar 2018

- Developed and deployed a new OCR service, reducing processing time from minutes to seconds
- Designed and created a new paywall, doubling the average daily new trials

Skills: **AngularJS, Ruby (incl. Sidekiq, RSpec), C#, Google Cloud Platform, Docker**

Software Developer — Fournos Ltd Oct 2016 - Aug 2017

- Developed a full-stack web application for automated business data analysis and visualization
- Automated OCR processing of paper records to reduce digitization from hours to minutes
- Outstanding performance lead to a bonus and a raise within the first 3 months

Skills: **React (incl. Redux), Express.js, Amazon Web Services (S3, RDS, Route 53), Firebase, Java**

Junior Developer — Holis Technologies Ltd Dec 2015 - Aug 2016

- Became the primary frontend developer in a team of 6
- Responsible for improving the admin platform that managed thousands of pieces of content
- Integrated wearable data visualization with the main web application

Skills: **React (incl. Redux, Mocha), HTML, CSS, Javascript (ES6), PostgreSQL**

Projects, Open Source, and Awards

Virtual Fitness Trainer — <https://part4project.foe.auckland.ac.nz/home/project/detail/1779> 2018

- A wearable-integrated phone application that uses artificial intelligence to provide actionable insights based on user's exercise data, to be open-sourced at the end of the project

A* Parallel Task Scheduling — github.com/nateeo/parallel-task-scheduler 2017

- Led a team of 6 to develop an A* parallel task scheduler with visualization in Java

Grey Space — github.com/nateeo/adventure-game 2017

- Led a team of 8 to develop a 3D Unity adventure game

Beateeo — github.com/nateeo/beateeo 2018

- A Discord music bot desktop application with a dashboard using Electron and React

Open Source — github.com/nateeo

- [reactjs/reactjs.org](https://github.com/reactjs/reactjs.org) opened a pull request addressing an issue to document immutability
- [kriasoft/react-firebase-starter](https://github.com/kriasoft/react-firebase-starter) merged a pull request to add functionality to the action bar

Orion Hackathon Creative Award — at The University of Auckland Mar 2017

- For implementing creative heuristics in a card playing bot written in Java