Jeremy Southon

I am a junior full-stack developer and enthusiastic learner, currently interested in building websites/applications using web technology, AI and Machine Learning. I'm looking for a team that can help develop me more as a developer and one that I can add to.

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EDUCATION

Bachelor of Science Majoring in Computer Science Specialization in Artificial Intelligence (AI)
Victoria University of Wellington

03/2016 – 02/2019

Relevant Courses

- Engineering Mathematics with logic and Statistics
- Software Development
- Database Engineering
- Machine Learning Tools and Techniques
- Mobile development
- Computer Graphics
- Statistics

EXPERIENCE

Junior Developer (internship)
FarmIQ

11/2018 – 02/2019

Achievements/Tasks

- Collaborated within an Agile team structure, assisted with developing code using such technology as JavaScript, Spring, Java, and Angular 2+.
- Develop front-end & back-end web application using Angular, JavaScirpt, and HTML/CSS.
- Development with cross-browser/cross-device compatibility with a specific focus on mobile.
- Work with senior-level developers/mentors on development throughout the various phases of the project life cycle

Contact: Troy | Former Manager – Reference upon request

USTC AI Summer Programme Attendee
University of Science and Technology of China (USTC)

2018

about

- awarded a travel grant to study AI and technology advances in China
- Attended multiple workshops and visited some of the world's leading companies in Machine Learning & AI.
- Learnt and gained first-hand experience with the latest Machine learning and AI technologies and frameworks such as Computer Vision, Speech recognition and experience with scikit-learn.

SKILLS

Java Javascript HTML/CSS SQL Python

AI & Machine learning Software design patterns

Ionic scikit-learn Keras Angular Gatsby

React bootstrap Git Kanban

PROJECTS

FarmIQ Soil (11/2018 – 02/2019)

- Assisting in the development of a web app focusing on mobile devices along with 3 other Interns. The application provides farmers with an easy way to perform and manage soil tests.
- Gained experience in an Agile development environment focusing on both frontend & backend development and testing.
- Technology used: Typescript, Open layers maps, Angular, html/CSS, and Material UI

GitHub User Search Engine (Hackfest 2nd runner up)

- Embrace an Agile environment to develop a web-based application that displays GitHub users based on specific filters that the user inputs. The goal of this application was for employers to find passionate and talented developers.
- The application uses GitHub's API, Javascript, jade/html & CSS.
- Gained experience in web based applications and APIs

GitSearchMobile

- Aimed to further develop and improve my experience with web frameworks, I created and designed a native mobile application using Ionic. Inspired by my old hackfest project, enabling users to search for developers in the specified region.
- Technology used: Ionic, Angular 2, HTML, SCSS, GitHub API, Javascript

Image classifier

- With the aim of learning more about convolutional neural networks, I created and built a classification model recognizing fruit.
- Technology used: Keras, Python

INTERESTS

Board games AI & Machine learning

Full-stack development Entrepreneurship

Problem solving Design

Learning languages (currently Chinese)