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.

✉ southon55@gmail.com   📱 +6425124271   🌐 jeremysouthon.com   in linkedin.com/in/jeremy-southon-559a93176

EDUCATION

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

03/2016 – Present

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 – Present

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

Telephonist
Credit Consultants

09/2015 – 04/2016

Achievements/Tasks

- Worked in a small team dealing with debt recovery, where we would work at achieving daily targets focusing on outbound and inbound calls.
- Working with Credit Consultants was a very formative time in my professional experience, refining my phone manner, developing resilience and communicating with a wide range of people.

Contact: Kieran Best | Former Manager – email: kieran_best97@hotmail.com ph: +6412921648

AWARDS

International Summer Camp of Artificial Intelligence Scholar (2018)
University of Science and Technology of China (USTC)

- RMB8,000 ($1,500 equivalent) travel grant awarded by USTC to study AI and technology in China.
- 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

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, Java, and Spring.

Full stack e-commerce website (present)

- Currently developing an online e-commerce store, to develop my understanding of a full stack web application.
- Users will be able to search, sell, add to cart, and check out their items. The project involves authentication, permissions, sending emails, uploading images, and charging credit cards.
- Technology used: React, GraphQL, Prisma, Apollo Client, and GraphQL Yoga.

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

- Designed and trained a deep convolutional neural network to classify images of strawberries, tomatoes and cherries using TensorFlow, Keras and achieved a final accuracy of 82% over 6,000 images.

LANGUAGES

Mandarin
Limited Working Proficiency

English
Native or Bilingual Proficiency

INTERESTS

Hackfests & GameJams   Meetups   Board games   AI & Machine learning   Full-stack development   Entrepreneurship   Problem solving   Design   Learning languages (currently Chinese)