Jihyung (Ji) Kim

Aspiring Software Engineer

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ABOUT ME

I aspire to become a full-stack software engineer. I am passionate about software development, particularly in the web development space, and have a huge interest in cloud computing. I have excellent problem solving skills acquired from my experience working as a Transport Engineer. I am a fast learner who takes a disciplined attitude to continuously improve myself.

WORK HISTORY

Transport Engineer
WSP
June 2019 to August 2021

- *Forecasted future traffic demand and changes in trip patterns on major road and public transport projects.*
- *Analysed and interpreted modelling results for transport planners and traffic engineers.*
- *Transformed, cleansed and manipulated large quantities of complex transport datasets using Python.*
- *Developed Python scripts to automate repetitive data processing tasks commonly performed across the team leading to time efficiencies.*
- *Produced technical reports summarising modelling analysis and implications of transport projects.*
- *Organised and facilitated national knowledge-sharing meetings.*

Graduate Transport Engineer
WSP
July 2017 to June 2019

- *Assisted transport modellers forecast traffic demand and trip patterns of major road and public transport projects.*
- *Prepared data inputs for modelling and reviewed transport modelling outputs.*
- *Prepared traffic survey plans by liaising with traffic survey subconsultants.*

SKILLS

- **Client-side technologies:** HTML5, CSS3, JavaScript, ReactJS, NextJs
- **Server-side technologies:** Python (Django), Ruby, PostgreSQL, Amazon Web Services, Heroku
- **Microsoft Office Suite:** Excel, Word, PowerPoint

CERTIFICATION

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)
Valid until September 2024
See Credentials

EDUCATION

Coder Academy
Melbourne
Diploma of Information Technology (Higher Education)
August 2021 - Present

- Full-Stack Web Development Bootcamp

Deakin University
Melbourne
Graduate Certificate of Data Analytics
July 2020 - February 2021

- Subjects completed: Real World Analytics, Analytics for Security and Privacy, Foundation Skills in Data Analysis, Research and Development in Information Technology

Monash University
Melbourne
Bachelor of Engineering (Civil) & Bachelor of Commerce
March 2012 - June 2017

- First Class Honours
- Treasurer at Association of Civil Engineering Students

LANGUAGES

English ●●●●●
Korean ●●●●●