Taewan Kang
Software Developer

Motivated and independent developer with the ability to grasp new concepts quickly. Passionate about learning new technologies and developing awesome software!

kang.taewan.96@gmail.com ✉
ktw1016
taewan-kang in
taewankang.com 🌐
1 (613) 324-2461 📱

WORK EXPERIENCE

Full-stack Web Developer
Treasury Board of Canada Secretariat

May 2019 – Present   *Ottawa, ON*

- Contributed to front-end for data visualizations and info-graphics of different financial, HR data (React, JS ES6, d3, Nivo, Bootstrap and SASS)
- Created Graph QL APIs in Node.js backend driven by MongoDB
- 2-Factor authentication with Django on separate data collecting project
- Accessibility and full bilingual design (Handlebars.js, YAML)
- Demonstrated snapshot and unit tests for back-end (Jest)

System Performance and Stability Engineer
Ford Motor Company of Canada

May 2018 – Aug 2018 *(4 mos.)*   *Ottawa, ON*

- Worked on Client-to-Server, performance and stability test automation architecture in Python
- Familiarity with Linux (QNX) environment and commands
- MySQL to query & store test data
- Various different test frameworks (Squish, Slash)
- Hands-on Agile Scrum methodology and Git workflow (Git, JIRA)

ETL and Database Developer
House of Commons

Sep 2017 – Dec 2017 *(4 mos.)*   *Ottawa, ON*

- Designed complex Budget managing Excel spreadsheet (VBA)
- Microsoft SQL & T-SQL queries with SSIS for data migration process, as well as automated SSRS
- Version control and fully automated deployment process with TFS

Python Developer
Environment and Climate Change Canada (ECCC)

Jan 2017 – Apr 2017
Jan 2019 – Apr 2019 *(8 mos.)*   *Ottawa, ON*

- Developed GUI desktop application for managing water survey data & automated report application (wxPython)
- Strong data visualization & data manipulation in Python (Pandas, Matplotlib)
- Parsing/Creating XML, XSML, XSL files to manage state of application and to create PDFs of water survey report
- Use of REST and SOAP APIs for Aquarius database query

EDUCATION

Software Engineering, Management and Entrepreneurship Option
University of Ottawa

Sep 2015 – Apr 2020

TECHNICAL SKILLS

Web Development

`React.js` `Javascript` `HTML5` `CSS` `Bootstrap` `Angular 8` `Jest` `MongoDB` `Node.js` `GraphQL`

Mobile Development

`React-native` `Android Studio`

Other Software Technologies

`Python` `Java` `SQL` `C++` `Git`

PROJECTS

Personal website
(Nov 2019)

- Demonstrated different typography animations, can be found at taewankang.com (React, Netlify, anime.js)

Servus
(Apr 2019 – Present)

- Developed mobile application for booking and offering different types of residential services *(React-native, Jest, Circle CI, Google Maps API, NodeJS, Express.js, RESTful API)*

Online Property Rental Service
(Oct 2018 – Dec 2018)

- Assisted in the development of a web application for managing online property rentals *(Angular 8, Firebase, TypeScript)*