**Taewan Kang**

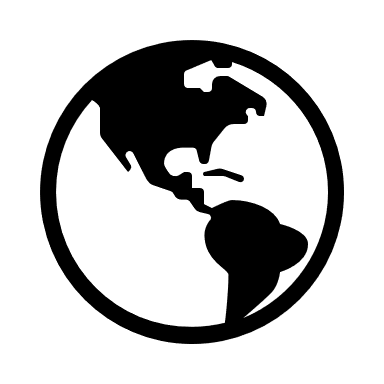
Software Developer

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

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[ktw1016](https://github.com/ktw1016)  

[taewan-kang](https://www.linkedin.com/in/taewan-kang-605060195/)  

[taewankang.com](https://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**

*CSS*

*HTML5*

*Javascript*

*React.js*

*Jest*

*Angular 8*

*Bootstrap*

*GraphQL*

*Node.js*

*MongoDB*

**Mobile Development**

*Android Studio*

*React-native*

**Other Software Technologies**

*C++*

*SQL*

*Java*

*Python*

*Git*

**PROJECTS**

**CoronaNOW Canada**

*(Mar 2020 – Present)*

* Built Canadian COVID-19 data visualizations, can be found at [coronanow.ca](https://coronanow.ca/) (React, Gatsby, d3.js, Netlify, Node.js)

**Personal website**

*(Nov 2019)*

* Demonstrated different typography animations, can be found at [taewankang.com](https://taewankang.com/) (React, Netlify, anime.js)

**Servus**

*(Apr 2019 – Dec 2019)*

* 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)*

* Developed web application for managing online property rentals *(Angular 8, Firebase, TypeScript)*