**Junha Park**

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**Experience**

**\*Data Scientist at Société Générale**, Montreal, QC, January 2020 - August 2020

As a member of AI team, I have successfully delivered full data pipelines to teams within bank.

Projects included:

* Implementing a predictive capacity (~20,000 CPUs) planning solution for ensuring uptime of risk calculators.
* Designing a solution that can pro-actively monitor risky application updates that may malfunction/crash the service (preventing $ ~1k loss for each).

Key responsibilities included:

* Communication with end users to define ML solutions
* Data streaming/storage
* Regression/classification model development
* Model deployment with re-training strategy
* Creating web dashboard to communicate the predictions

\*Reference letter upon request

**Technical Skills**

Tools:

* Programming Languages: **Python, VBA, Java, C++**
* Machine Learning: **Python, Libraries (NumPy, Pandas, Scikit Learn, Keras)**
* API Deployment: **Flask, Docker, Kubernetes, Lambda**
* Database: **POSTGRESQL, ElasticSearch, Excel**
* Dashboarding: **Grafana, Dash**
* Web Development: **HTML, CSS, JavaScript**

**Education**

**McGill University**, Montreal, QC

***BA Computer Science Major***, ***Mathematics Minor,*** January 2020

**Personal Projects**

**(FINANCIAL ENGINEERING) –Personal Investment Dashboard,** June 2020

GitHub: <https://github.com/junha1532/InvestmentDashboard>

This dashboard was developed for personal usage to help make informed investment decisions. The dashboard includes:

* **Portfolio Optimization and Re-balancing Strategy**
* **Technical Market Indicators for Stock Trading**
* **Stock Price Analysis with Deep Learning Sentiment Analysis**

Key Tools: Dash, HTML, CSS, JS, Python, TensorFlow, GitHub