Youup Kim

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youup99

Education

University of Calgary
Sept. 2017 - May 2022

B.S. in Software Engineering

- Relevant Courses: Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Computer Networks

Work Experience

BMO Capital Markets
Sept. 2020 - Dec. 2020

(Incoming) Software Developer Intern
Toronto, Canada

University of Calgary
May 2020 - Aug. 2020

Software Developer Intern
Calgary, Canada

- Project Lead - from design, implementation, testing, and deployment of a web application using **Vue.js.**
- Implemented server-less architecture with cloud services using **Firebase** for Authentication, Database, and Hosting.

BMO Capital Markets
Jan. 2020 - Apr. 2020

Quantitative Software Developer Intern
Toronto, Canada

- Designed and built features for a portfolio optimization/analytics tool using **Vue.js** and **Python (Flask)** with **Oracle.**
- Decreased troubleshooting times by implementing a live help-chat using SendBird API**.**
- Achieved 95% accuracy on a time-series forecasting model in **Python** for US Treasury Inflows/Outflows.

JORI International
May 2019 - Aug. 2019

Software Developer Intern
Calgary, Canada

- Designed and built various pages of a web application using **Angular** and **C#** with **MongoDB**.
- Decreased manual data-entry times by 90% by creating an Excel parser with **WinForms**.

Projects

MyFitness
Current

- A mobile app to add and keep track of workout routines + progress. Built using **React Native.**

Property Rental Management System
2019

- A multi-threaded application to simulate a PRMS with landlords, property managers, and tenants. Built using **Java** with **Swing** GUI and **SQLite** database with application of various design patterns and socket programming.

Skills

Languages: Java, C/C++, Python, SQL, C#, JavaScript, HTML, CSS

Frameworks/Tools: Angular, Vue.js, React, React Native, Bootstrap, JQuery, Flask, Git, Firebase, Jupyter Labs

Database: MongoDB, Oracle, SQLite, Firestore

Further Education

Full-Stack Web Development with React/React Native Specialization
May 2020 - Current

The Hong Kong University of Science and Technology (Coursera) - 4 Course Certification

IBM Data Science Professional Certificate
May 2020 - Current

IBM (Coursera) - 9 Course Professional Certificate Program