Youup Kim

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Education

University of Calgary   *Calgary, Canada*
BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING   *Sep. 2017 - May. 2022*
- Relevant Courses: Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Software Architecture/Testing

Skills

Programming Languages:	TypeScript, JavaScript, Python, GraphQL, Java, C#
Web/Mobile Technologies:	React, React Native, Vue.js, Angular
Databases:	PostgreSQL, MongoDB, SQLite
Platforms/Tools:	AWS S3, AWS RDS, Google Cloud Firebase, Git, SVN

Work Experience

Amazon   *Vancouver, Canada*
SOFTWARE DEVELOPMENT ENGINEER INTERN   *Jun.2021 - Sept. 2021*
- Incoming Summer 2021 - Consumer Organization

BMO Capital Markets   *Toronto, Canada*
SOFTWARE DEVELOPER INTERN - GLOBAL MARKETS ENGINEERING   *Sep. 2020 - Dec. 2020*
- Designed the UI and developed a web app using **React + TypeScript** for traders to use.
- Created an **Apollo GraphQL** server in **TypeScript** to store JSON data onto an **Oracle SODA** database.
- Migrated parts of a **C#** application to **Java** from scratch to grab real-time market data.

University of Calgary   *Calgary, Canada*
SOFTWARE DEVELOPER INTERN - DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING   *May. 2020 - Aug. 2020*
- Spearheaded the design, implementation, testing, and deployment of a web application using **Vue.js**.
- Implemented BaaS(Backend-as-a-Service) model using **Google Cloud Firebase** for Authentication, Database, and Hosting.

BMO Capital Markets   *Toronto, Canada*
QUANTITATIVE SOFTWARE DEVELOPER INTERN - FIXED INCOME CURRENCIES & COMMODITIES   *Jan. 2020 - Apr. 2020*
- Designed and built 5+ features using **Vue.js** and **Python** for a portfolio optimization/analytics website.
- Engineered a time-series forecasting model with 95% accuracy in **Python** for US Treasury Inflows/Outflows.

JORI International   *Calgary, Canada*
SOFTWARE DEVELOPER INTERN - OPENBORDER   *May. 2019 - Aug. 2019*
- Designed the UI and built various pages of a web application using **Angular** and **C#** with **MongoDB**.

Projects

Dovetail
PERSONAL PROJECT - REACT, REACT NATIVE, FASTAPI (PYTHON), NODE.JS, POSTGRESQL, AWS
- Website + Mobile App where users can see their entire portfolio from investment accounts, crypto wallets, and adding manual investments.

CamSpot
COURSE FINAL PROJECT - REACT NATIVE, FASTAPI (PYTHON), POSTGRESQL, AWS
- Mobile App where users can upload cool places they have visited with a photo (like Instagram).