SANG KIM

software engineer

📞 6479368311   @ skim4441@gmail.com   🔗 https://skim4441.github.io/   📍 Toronto

EXPERIENCE

Cloud Backend Engineering

Sumo Logic   📅 09/2018 - 12/2018   📍 Redwood City, CA, USA

- Experienced with high traffic services of 100TB+ data ingestion per day and highly scalable, distributed systems
- Implemented Resource Aware Kafka topic partitioning balancing loads of cluster by measuring the amount of resources and ingest lags of data points per nodes and Kafka topic partitioning in Scala
- Improved a feature blacklisting customers with expensive queries, managing and storing them in Apache Zookeeper node
- Wrote 100+ unit and integration tests in test driven development

Sergeant

Republic of Korea Army   📅 2015 - 2017   📍 Seoul, South Korea

- Assisted Captain as an Assistant Secretary of Commanding General by handling documentation, scheduling meetings, and answering phone calls from a variety of departments
- Supervised 7+ squad members and ensured mission accomplishments

Android Developer

Bridge Mobile   📅 09/2014 - 12/2014   📍 Seoul, South Korea

- Improved performance of a mVoIP engine by 10% after reducing noise and variants
- Increased customer retention by 10% through system optimization using C++ and JNI framework in Android
- Acquired 200K+ users in 2 months by collaborating with a team of 15, working on new app features, fixing bugs and conducting unit tests

Software Engineer

Work Market (ADP)   📅 09/2013 - 12/2013   📍 New York, NY, USA

- Decreased KPIs query time by 30%+ through data optimization, designing intermediate tables for data collecting and indexes usage implementation
- Resolved 10+ bugs per week and developed additional features on the application
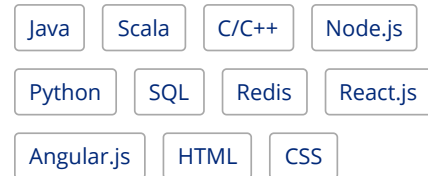
Software Engineer

Hubdoc   📅 01/2013 - 04/2013   📍 Toronto, ON, Canada

- Created 30+ automation systems in Node.js for retrieving online documents from billing accounts
- Developed a v1 mobile application in PhoneGap platform

Programmer Analyst

Manulife Financial   📅 05/2012 - 08/2012   📍 Toronto, ON, Canada

- Developed an internal application and tool for managers to use for data management and financial investments
- Improved database structure by writing 50+ database tables and storing procedures using SQL Server

TECHNOLOGY

Skills

Java Scala C/C++ Node.js

Python SQL Redis React.js

Angular.js HTML CSS

PROJECTS

Topchart

YouTube playlist web application for finding trending songs from popular music charts

🔗 https://skim4441.github.io/

Bulkup

Web application for managing meal plans and tracking weight

SpringCam

Android camera application with the capacity to resize person's face and height in real-time

Momento

A real-time photo sharing application for groups

EDUCATION

Computer Engineering

University of Waterloo

COURSES

ECE 454 Distributed Computing
ECE 458 Computer Security
ECE 406 Algorithm Design and Analysis
ECE 416 Advanced Topics in Networking
ECE 459 Programming for Performance
ECE 452 Software Software Design and Architectures