Min Seong Kang

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Education

Brown University   Dec 2024

B.S in Computer Science | 3.9 GPA

Relevant Courses: S/W Engineering, Computer Systems, Systems Security, Algorithms/Data Structures, Statistics, Linear Algebra, Calculus, AI, Graphics, DL, Database Management Systems, Computer vision

Languages

Proficient: **Swift, Python, Java, JS, C, SQL, HTML/CSS**

Familiar: **C++, C#, Go**

Technologies

Tools: **MySQL, Postgres, Bootstrap, Sass, React, Node.js,, TypeScript, Express, Spark, FastAPI, SwiftUI, Core Data, OpenGL, Tensorflow, Apache Airflow, Git, GitHub Actions**

Software: **Xcode, Figma, Docker, Google Cloud**

Experience

Software Engineer, Develop For Good   5/23 - 8/23

➡ Spearheaded development of ETL pipeline for website analytics data with ~10M user base alongside a team of 8 engineers and clients

➡ Led the research on cost-minimizing usage of the Google Cloud SDK, implemented Apache Airflow scripts for Google BigQuery->PostgresDB pipeline

Teaching Assistant, Brown University CS   2020, 2023

➡ Created course materials such as assignments, projects and held weekly hours for DBMS course

➡ Helped a cohort of ~150 students understand fundamental concepts behind DB Models, Query processing, SQL, NoSQL, Transactions, other topics and provided them with mentorship

Corporal, Republic of Korea Army   2/21 - 9/22

➡ Successfully completed 18 months of military service in the 777th Intelligence Command HQ

➡ Earned a commendation from Marine Colonel Lee Sung Taek for exceptional commitment and service to the country

Honors

Apple WWDC2020 Student Challenge Winner   2020

iOS Swift Playground app was selected as one of the winners for the scholarship program of Apple's annual WWDC conference

CROC Robotics Competition 2nd place   2019

Engineered a racing car using Arduino components, devising a creative weight optimization solution. Programmed obstacle recognition and speed racing features. Secured 2nd place out of 9 competing teams.