Sukwhan(David) Youn

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EDUCATION

Boston College, Bachelor of Science   Chestnut Hill, MA
GPA: 3.44/4.0, Double Major in Computer Science & Economics   May 2018

TECHNICAL SKILLS

- **Languages**: Java, Python, SQL, JavaScript, C, Assembly Language
- **Technologies**: Node.js, React/Redux, React Native, Express, MongoDB, Stata, HTML/CSS, Android

EXPERIENCES

Horizons, San Francisco, CA   May 2017 – Present
Full Stack Developer
- Immersive full-stack web development boot camp and tech startup incubator.
- Incorporated technologies such as Node.js, Express, jQuery, React Native, React/Redux, MongoDB.

Jane Street, San Francisco, CA   July 2017 – July 2017
Algorithmic Trader
- Competed in the Electronic Trading contest organized by Jane Street by using strategies "Penny-pinching", "Price-predicting", "Arbitrage" in the simulated financial market, and won 6th place among 45.

Rapid Addition, Prague, Czech Republic   June 2016 – July 2016
Software Engineer Intern
- Assisted senior developers to revise RA Hub software program, widely used in financial industries.
- Created a program to automatically update client database by using Visual Studio and SQL.
- Tested monitoring platform to achieve higher level of flexibility and performance.

Republic of Korea Air Force, 11th Fighter Wing, S. Korea   July 2013 – July 2015
Information Technology Specialist / Squad Leader
- Responded to issues of Voice Communication System in Master Control and Report Center(MCRC).
- Worked as a part-time interpreter between ROKAF and USAF.
- Provided advice and support to new soldiers to aid in successful integration within their squad.
- Received Air Force Commendation Medal for meritorious service.

PROJECTS

Slack Scheduler Bot
- Created a Slack bot by using API.AI, Slack API, and Google Calendar API for scheduling reminders and meetings with other Slack users in Google calendar.

Find Your Best Spot
- Android mobile app that recommends the best places to take picture in specific location that user chose.
- Used Google Maps API to guide users to their destination with the fastest route.

Vocab Learning Hangman
- Web game that supports 5000+ words in 4 languages by using JavaScript, HTML/CSS, React, and Redux.

Huff and Puff | Data Compression
- Given an arbitrary data in a text file, the program returns zipped file, and vice versa, by using Huffman coding algorithm that achieves a lossless data compression.

 "Computer Trading and Its Impact on Financial Markets"
- Researched the strategies utilized by computer-based technology(CBT) on the financial markets.
- Analyzed the impact of CBT and High Frequency Trading on liquidity, transaction costs, market prices.

LEADERSHIP

Boston College Computer Science Society
- Leader of Boston College teams for ACM programming contest.

Academic Head of Korean International Student Association
- Hold weekly interview preparations and share job-posting information with mentees.