Sukwhan(David) Youn

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EDUCATION

Boston College, College of Arts and Sciences   Chestnut Hill, MA
Bachelor of Science, Double Major in Computer Science & Economics   May 2018
- **Overall GPA**: 3.44 / 4.0 | **Honors**: Dean's List

TECHNICAL SKILLS
- **Languages**: Java, Python, JavaScript, C, C#, Assembly Language, HTML/CSS, Android
- **Technologies**: Node.js, React/Redux, Express, MongoDB, PostgreSQL, OracleSQL, Stata

EXPERIENCES

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

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.
- Created user manuals for how to use low latency RA Hub and monitoring tools.

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

Find Your Best Spot
- Created an Android mobile app that recommends users best places to take picture during travel.
- After a user chooses a location, the app lists all the pictures that other users uploaded in the location.
- Used Google Maps API to guide users to their destination with the fastest route.

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.
- The algorithms include Huffman tree, priority queue, and a symbol table using HashMap.

"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.

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