

# Sukwhan(David) Youn

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## EDUCATION

**Boston College**, Morrissey College of Arts and Science

Chestnut Hill, MA

**GPA:** 3.44/4.0, B.S. 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

**Boston College CS Department**, Boston, MA

August 2017 – Present

*Teaching Assistant*

- Assist professors to review and grade students' Python coding assignments and hold office hours.
- Lead 1 hour-long weekly discussion session to guide 30 students through Python coursework.

**Horizons**, San Francisco, CA

May 2017 – Present

*Full Stack Developer*

- Accepted amongst 2500+ candidates with scholarships for full-stack web development fellowship.
- 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 6<sup>th</sup> place among 45.

**Rapid Addition**, Prague, Czech Republic

June 2016 – July 2016

*Software Engineer Intern*

- Created a program to automatically update client database by using Visual Studio and SQL.
- Held weekly phone calls with clients in London and tested monitoring platform to achieve higher level of flexibility and performance.

**Republic of Korea Air Force**, 11<sup>th</sup> 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).
- Part-time interpreter of ROKAF and USAF, received Commendation Medal for meritorious service.

## PROJECTS

### Slack Scheduler Bot

- Created a Slack bot by using JavaScript, 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 in Java.

### "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

### Squad Leader, Republic of Korea Air Force

- Provided advice and support to 100+ new soldiers to aid in successful integration within their squad.

### Academic Head, Korean International Student Association

- Hold weekly interview preparations and share job-posting information with mentees.

### Boston College Computer Science Society

- Leader of Boston College teams for ACM programming contest.