

# 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, JavaScript, SQL, C, C#
- **Technologies:** Node.js, React/Redux, React Native, Express, MongoDB, Stata, HTML/CSS, Android, Git

## EXPERIENCE

**Boston College CS Department**, Chestnut Hill, MA

August 2017 – Present

### Teaching Assistant

- Responsible for weekly hour-long discussion sessions to teach **Python** coursework to 20+ students.
- Hold office hours, write/grade assignments, support students via email, and collect feedback from students.

**Horizons**, San Francisco, CA

May 2017 – August 2017

### Full Stack Developer

- Accepted amongst 1600+ candidates with scholarships for full-stack web development fellowship.
- Spent 600+ hours with significant exposure to **JavaScript**, MongoDB, Express, jQuery, React/Redux, Git.

**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

- Developed a program to automatically update 100+ client database by using **Visual Studio** and **SQL**.
- Managed weekly phone calls with clients and tested monitoring platform to achieve higher performance.

**Republic of Korea Air Force**, 11<sup>th</sup> Fighter Wing, S. Korea

July 2013 – July 2015

### Information Technology Specialist / Squad Leader

- Responsible for 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.

## PERSONAL PROJECTS

### Slack Scheduler Bot

- A language-aware Slack bot for scheduling reminders and meetings with other Slack users in Google Calendar.
- Used **Node.js**, MongoDB to store credentials, API AI to train the bot, Git to collaborate with a team member.

### Find Your Best Spot

- Built **Android** mobile app that recommends best places to take pictures in a 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**, React, and Redux.

### Most Trending GIFs in Real Time

- Webpage that displays top trending animated GIFs in real time by using **JavaScript**, HTML/CSS, and Giphy API.

## SCHOOL PROJECTS

### 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**.

### University of Pennsylvania Scheduler

- Hackathon project that recommends courses based on majors, course/instructor ratings by using UPenn APIs.
- Responsible for data management by fetching and combining data from UPenn APIs using **JavaScript**.

## 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

- Executed mentorship program including alumni, and held weekly interview prep. sessions with students.