

# Sukwhan(David) Youn

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## EDUCATION

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**Boston College**, B.A. in Computer Science & Economics

Chestnut Hill, MA

**GPA:** 3.50/4.0

May 2018

## TECHNICAL SKILLS

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

## EXPERIENCE

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

August 2017 – Present

*Teaching Assistant*

- Responsible for weekly hour-long discussion sessions to teach Python(CS1101) 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

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**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**

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

## SCHOOL PROJECTS

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**Taxi King Championship**

- In the tournament that competes for generating maximum profit by implementing efficient algorithm to pick up/drop off passengers using Java, I won the 1<sup>st</sup> place in Boston College Algorithms course.

**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.