SHARON S. KIM

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EDUCATION

Wellesley College, Wellesley, MA — September 2014 – June 2018
Bachelor of Arts in Computer Science
Cumulative GPA: 3.5/4.0

Massachusetts Institute of Technology, Cambridge, MA — Fall 2017 – Spring 2018
Cross-registered student (Course 6)
Cumulative GPA: 5.0/5.0

RELEVANT EXPERIENCE & PROJECTS

JP Morgan Software Engineering Program, New York, NY — July 2018 – October 2019
Software Engineer in Markets Execution (Corporate and Investment Bank)

- With React/Redux (TypeScript) and Jest/Enzyme for testing, developed a web app called Portfolio Analytics, a pre-trade analytics tool under the firm's DataQuery platform.
- Collaborated with the product owner, the London UX team, and the software team to split tasks into JIRA cards, opened and reviewed coworkers' PRs, made sure that bugs and new features are fixed or implemented in a timely manner, presented new features to the product owner and higher-ups biweekly.

Braintree Payments Software Engineering Internship, Chicago, IL — Summer 2017
Software Engineering Intern on Team Search

- Ensured the Braintree Gateway's forward compatibility with Elasticsearch 5.x using Ruby on Rails.
- Intern project: integrating the Braintree SDK with the AR (Augmented Reality) Tool Kit. When an Android phone camera is pointed at a cue, a product appears on the phone screen, allowing the customer to view the product in their home.

MIT Lincoln Laboratory Winternship, Cambridge, MA — Winter 2017
Technical Staff in Group 52 (D3M)

- Learned to construct a machine learning pipeline for an audio data set using an SVM classifier.

The Radhakrishnan Lab—a computational chemistry lab, Wellesley, MA — Summer 2016
Research Award Intern

- Performed molecular dynamics simulations to understand how dynamic movement (ΔG) affects protein complexes' interactions (i.e., their charge distributions) using GROMACS software on the wild and mutant forms of chronic myeloid leukemia-treating drugs. Used mainly command line and Perl/Python scripts generated on the fly.
- Presented to an audience of academic faculty and industry experts about end-of-summer findings.

LANGUAGES

Python, TypeScript/JavaScript, React/Redux, Enzyme/Jest, Java, Git, HTML/CSS, Jenkins, Racket, Standard ML, C, Perl

LEADERSHIP & ADDITIONAL EXPERIENCE

Harvard College Opera, MIT Symphony Orchestra, Cambridge, MA — Spring 2016 – Spring 2018
Concertmaster

National Youth Orchestra of the USA, White Plains, NY — Summer 2014
2nd principal violinist