

SHARON S. KIM

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EDUCATION

Wellesley College, Wellesley, MA
Bachelor of Arts in Computer Science
Cumulative GPA: 3.5/4.0

September 2014 - June 2018

Massachusetts Institute of Technology, Cambridge, MA
Cross-registered student (Course 6)
Cumulative GPA: 5.0/5.0

Fall 2017 - Spring 2018

RELEVANT EXPERIENCE & PROJECTS

JP Morgan Software Engineering Program, New York, NY
Software Engineer in Markets Execution (Corporate and Investment Bank)

July 2018 - October 2019

- 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.

6.s978: Privacy and Legislation: Law and Technology (MIT/Georgetown Law course)

Spring 2018

Final submission included a bundle of: one-pager, white paper, presentation, section-by-section, and legislative proposal.

- Presented a legislative proposal to a panel of legislators and public policy experts in Washington, D.C.
- Wrote the Broadband ISP Privacy Act of 2018, a collaborative effort involving students from Georgetown Law, an act that fosters competition among local Internet Service Providers and provides consumers with meaningful choice about the collection and use of their private information.
- Given the "Wildcard Award," one of two awards given to the entire class, for best presentation, written and presented by mostly myself and one other group member from MIT.

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 (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.

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.
- Presented to an audience of academic faculty and industry experts about end-of-summer findings.

LANGUAGES

Python, TypeScript/JavaScript, React.js/Redux, Git, HTML/CSS, JIRA, Jenkins, Confluence, Java, Racket, Standard ML, Spring Boot, C, Perl

LEADERSHIP & ADDITIONAL EXPERIENCE

MIT Symphony Orchestra, Harvard College Opera, Cambridge, MA

Spring 2016 - Spring 2018

Concertmaster

- Rehearsals occurred twice a week for three hours.
- As section leader, led sectionals for the violin section to help refine technique, playing, and style.

National Youth Orchestra of the USA, White Plains, NY

Summer 2014

2nd principal violinist

- Toured the U.S. in a free program sponsored by the Weill Music Institute, the Bloomberg Foundation, and Carnegie Hall with American conductor David Robertson and Israeli-born violinist Gil Shaham.