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
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)

- Using the React/Redux framework with 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, London UX team, and 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, and 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. (Grade: A)

- Presented a legislative proposal to a panel of legislators and public policy experts in Washington, D.C.
- With Georgetown Law students, wrote the Broadband ISP Privacy Act of 2018, an act that would foster competition among Internet Service Providers (ISPs) and provide consumers with meaningful choice about the collection and use of their private information.
- Won the "Wildcard Award," one of two awards given to the class, for best presentation.

MIT Lincoln Laboratory Winternship, Cambridge, MA — January 2018
Technical Staff in Group 52

- With guidance from LL staff, built a machine learning pipeline using the SSPNet Speaker Personality corpus and cross-validation *k*-fold techniques from Python's sklearn package.

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

- Performed ΔG calculations on both the wild-type and mutant forms of chronic myeloid leukemia-treating drugs to evaluate their efficacy in electrostatic binding using GROMACS software.
- Performed molecular dynamics simulations to understand how dynamic movement affects protein complexes' interactions and calculated hypothetical optimal charge distributions in such binding.
- 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, Spring Boot, Confluence, Java, Racket, Standard ML, 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 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, Bloomberg Foundation, and Carnegie Hall with violinist Gil Shaham.