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)
- 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, open and review coworkers' PRs, make sure that bugs and new features are fixed or implemented in a timely manner, and present new features to the product owner and higher-ups biweekly.
- Contributor to perspective, a company-developed streaming data analytics and visualization tool.

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.
- Wrote the Broadband ISP Privacy Act of 2018, 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.
- Won the "Wildcard Award," one of two awards given to the entire class, for best presentation, written and presented by mostly myself.

MIT Lincoln Laboratory Winternship, Cambridge, MA   January 2018
Technical Staff in Group 52
- With guidance from MIT LL staff, built a machine learning pipeline using the SSPNet Speaker Personality corpus and cross-validation k-fold techniques from Python's sklearn package.

Braintree Payments Software Engineering Internship, Chicago, IL   Summer 2017
Software Engineering Intern on Team Search
- Wrote tests and code ensuring the Braintree Gateway's forward compatibility with Elasticsearch 5.x.
- Wrote a Rewinder that would catch data inconsistencies from a Kafka output to Elasticsearch input.
- Intern project included 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.

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 concertmaster, required to lead rehearsals for the first violin section so they can refine their technique, playing, and style.