Allison Misato Lee

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Education

Harvard University   *Cambridge, MA*
A.B. CANDIDATE IN COMPUTER SCIENCE, GPA 3.83.   *May 2020*
STATISTICS SECONDARY AND CHINESE LANGUAGE CITATION

Relevant coursework: Functional Programming Languages, Data Structures and Algorithms, Networks Design Projects, Design of Useful and Usable Interactive Systems, Autonomous Robot Systems, Discrete Mathematics, Theoretical Computer Science, Applied Multivariable Calculus, Applied Linear Algebra, Probability, Statistical Inference.

Experience

Google LLC   *Mountain View, CA*
INCOMING ASSOCIATE PRODUCT MANAGER INTERN   *May 2019 - Aug. 2019*

Twitter (Semantic Core Team)   *Boston, MA*
SOFTWARE ENGINEERING INTERN   *Sep. 2018 - Present*
- Led design and implementation of a new feature leveraging open-source object detection models to automate the selection, cropping, and generation of cover images for live NBA games (Scala, Apache Aurora, TensorFlow)
- Launched feature, leading to a 20% daily sports event workload reduction for the data operations and content classification team and improved live-time event experience for approx. 70,000 users per game
- Optimized feature infrastructure to ensure long-term scalability of image generation to other types of live event coverage

Microsoft (Xbox Live Team)   *Redmond, WA*
EXPLORE INTERN (Software Engineering/Program Management)   *May 2018 - Aug. 2018*
- Designed and implemented new MVP for Xbox Live platform (C#, React.js, JavaScript, Microsoft Azure)
- Drove feature prioritization, development, and strategy through close collaboration with engineering and product teams

Internet Business Japan, Co., Ltd.   *Tokyo, Japan*
DESIGN AND DEVELOPMENT SUMMER INTERN   *May 2017 - Aug. 2017*
- Implemented UI/UX improvements to internal company website and corporate website (PHP, JavaScript, HTML5, CSS)
- Designed and implemented front end for new online programming exam (XHTML, CSS, JavaScript, JSF)
- Led international communications between sales/marketing, education, design, and engineering divisions

Technical Skills

SELECTED PROJECTS

Refugees' Say (HTML5, CSS, JavaScript, Python, Flask):
Developed with an NGO partner to facilitate optimal placement of incoming refugees

QuickCareers (HTML, CSS, JS, Milligram framework):
Prototype of a career training web app for the homeless. User-tested and created with feedback from local shelters (Harvard Square Homeless Shelter and Y2Y).

Medibank (Node.js, Solidity, SQL, HTML, CSS, JS, Milligram):
An Ethereum-based solution for electronic medical record sharing that gives patients agency, fully anonymizes data for research purposes, and disincentivizes fraudulent data creation.

ThoughtWall (HTML5, CSS, JavaScript, SQLite, Python, Flask):
Social media web app for Harvard undergraduates.

LANGUAGES: Python, JavaScript, HTML5, CSS, C#, Scala, XHTML, Java, JavaServer Faces, MATLAB, OCaml

Additional Experience

Harvard Women in Computer Science (WiCS)   *Cambridge, MA*
CO-PRESIDENT   *May 2019- Present*
- Lead Harvard's undergraduate Women in Computer Science organization of 700+ members
- Define and oversee initiatives such as academic and career development, community building, diversity and inclusion, and community service/outreach
WECODE CONFERENCE COCHAIR (2018-2019); DIRECTOR OF COMMUNICATIONS (2017-2018)   *Sep. 2017- Mar. 2019*
- Oversaw and organized annual national conference for women in tech of almost 1000 attendees

Harvard University Information Technology   *Cambridge, MA*
STUDENT TECHNICIAN MANAGER (2017 - Present); FRONT DESK TECHNICIAN (2016-2017)   *Sep. 2016 - Present*
- Recruit, hire, train, and manage undergraduate student technicians to support a wide range of products/services
- Launched the HUIT Student Developer role within the org, a part-time job opportunity for students
- Represent student interests/initiatives at quarterly Harvard IT Board meetings with professors, staff, and executives

AWARDS: Harvard College Scholar (top 10% of class, 2016-17 academic year), Harvard SEAS GHC Scholarship (2018)
CLUBS: Developers for Development, Fusian (acapella group), Asian American Dance Troupe, Marathon Club
FOREIGN LANGUAGES: Japanese (full professional proficiency), Mandarin Chinese (professional working proficiency)