

LISA R. PENG

Roseland, NJ (973)-462-2756 lisapeng@mit.edu

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Pursuing Bachelor of Science in Electrical Engineering and Computer Science, GPA 4.5

CLASS OF 2021

Cambridge, MA

- Relevant Coursework: Algorithms, Software Construction (Java), Fundamentals of Programming (Python), EECS via Robotics, Machine Learning, Circuits and Electronics, Strobe Project Lab, Nanoelectronics and Comp Systems, Robotics: Science and Systems

TECHNICAL SKILLS

- Java (Spring, Mockito), Python, Git, AWS (EC2, Route53, ELB), Docker/Kubernetes, CI/CD (Jenkins, GoCD, Gitlab), HTML/CSS, Arduino, CAD (Autodesk Inventor/Solidworks), MATLAB, SVN, LaTeX, Jira, Monitoring (Prometheus, Grafana, Datadog), SAIL, ROS, Databases

WORK EXPERIENCE

APPIAN CORPORATION

Software Engineer Intern

JUNE 2020 – PRESENT

Remote

- Full-stack application development on Agile team, took ownership of relevant plug-ins feature that allows hundreds of Appian customers to now deploy plug-ins across environments, which will be shipped this quarter 2020, organized design meetings, performance reviews
- Coding unit, regression, and integration tests almost daily, collaborating with UI, UX and QE team members

NORDSTROM

Software Engineer Intern

JUNE 2019 – AUGUST 2019

Seattle, WA

- Responsible for search and navigation results on the Nordstrom.com website and mobile apps for all Nordstrom customers during largest annual sale event
- Implemented major infrastructure migration of existing applications into Nordstrom Kubernetes
- Conducted load tests, configured dashboards for monitoring services, made application robust to disruptions for high uptime, scalability, and continuous deployment

PRINCETON SATELLITE SYSTEMS

Spacecraft Engineer Intern

JANUARY 2018

Plainsboro, NJ

- Researched a supercritical CO2 Brayton cycle to improve energy efficiency in fusion-powered rocket engines
- Scripted in MATLAB to model ideal and non-ideal systems for different size reactors
- Co-author “Space Nuclear Power Systems–Direct Fusion Drive” *American Institute of Aeronautics and Astronautics*

EXTRACURRICULAR ACTIVITIES

MIT SPOKES AMERICA

Cyclist, Driver, Robotics Instructor

MAY 2018 – AUGUST 2018

Washington D.C. to San Francisco, CA

- 75-day 3,500 mile cross-country biking/teaching trip for students in underserved areas on how to build circuits and robots.

THE BORDERLINE MURAL PROJECT

Website Master and Publicity Chair

OCTOBER 2018 – JUNE 2019

Cambridge, MA

- Managed site and social media, collaborating with artists to create and showcase AR-enabled murals across MIT.

DANCE

Choreographer, Exec Member of MIT Mocha Moves and MIT Ridonkulous Teams

SEPTEMBER 2017 – PRESENT

Cambridge, MA

ACHIEVEMENTS

ROBOTICS SCIENCE AND SYSTEMS COMPETITION FIRST PLACE

MIT WOMEN’S TECHNOLOGY PROGRAM (WTP-EECS)

NATIONAL MERIT SCHOLARSHIP RECIPIENT

SPRING 2020

SUMMER 2016