Linnea Rylander

Personal Info

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Programming Languages

Python
— expert

Java
— expert

HTML/CSS
— expert

JavaScript
— expert

ReasonML/OCaml
— advanced

Go
— advanced

SQL
— proficient

C++
— proficient

C
— novice

World Languages

Spanish
— advanced

Additional Talents

- **Unicycling**
- **Graphic Design**
- **Crochet**
- **Percussion**

Education

Massachusetts Institute of Technology (MIT)
Aug 2017 – May 2020
Cambridge, MA

- Candidate for Bachelor of Science in Computer Science & Engineering
- GPA: 5.00 out of 5.00
- Relevant Coursework: Algorithms, Data Structures, Software Construction, IoT
- Currently enrolled in Software Studio and Machine Learning courses

Experience

Facebook – Software Engineer Intern
May 2019 – Aug 2019
Menlo Park, CA

- Developed and deployed user-facing marketplace folder functionality to improve user experience within the Facebook Messenger website
- Designed and implemented proactive warnings within Messenger web to protect users chatting with probable scammers, warn them about the dangers of giving away their personal information, and give them follow-up actions for further protection
- Utilized ReasonML, ReactJS, GraphQL, and Hack (PHP)

Twitch – Software Engineer Intern
Jan 2019 – Feb 2019
San Francisco, CA

- Implemented and deployed timeline feature for analyzing historical video replication topology
- Utilized ReactJS, Typescript, Go, and AWS

McKinsey & Company – Computer Science Intern
May 2018 – Aug 2018
Chicago, IL

- Developed Python scripts to automate cybersecurity alert collection and analysis, increasing the efficiency of the process by 50%
- Created and documented cybersecurity policies and standards for individual product teams within McKinsey New Ventures

Projects & Leadership

MIT Society of Women Engineers (SWE) Website
Sep 2017 – present

- Served as Vice President of Technology and Web Chair
- Redesigned existing website and made it responsive on all devices
- Led 10+ campus-wide technology workshops

StreetSmarts IOT Project
Apr 2018 – May 2018

- Created embedded system to improve efficiency of emergency response
- Used C++, Python, JavaScript, HTML, & CSS
- Designed final report website: lrylander.github.io/StreetSmarts

Vulture Free Food Web Application
Jan 2018

- Created interactive web application to help MIT students find free food
- Utilized HTML, CSS, JavaScript, ExpressJS, & NodeJS to develop website: vulturemit.herokuapp.com

Code for Good
Feb 2018 – May 2018

- Created timesheet app to track and manage employee hours for Artists for Humanity, a Boston-based nonprofit organization

Awards

MIT Web Programming Competition – First Place	Jan 2018
Association for Women in Mathematics Essay Contest – Second Place	Jan 2018
Northrop Grumman Engineering Scholar	Jun 2017
Illinois Technology Foundation Fifty for the Future Award	Mar 2017
NCWIT Aspirations in Computing Award	Feb 2016