

Linnea Rylander

EDUCATION

August 2017 – June 2021

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT) – Cambridge, MA

- Candidate for Bachelor of Science in Computer Science & Engineering
- GPA: 5.00
- Relevant Coursework: Algorithms, Data Structures, Embedded Systems
- Currently enrolled in Artificial Intelligence and Computation Structures

August 2013 – June 2017

BUFFALO GROVE HIGH SCHOOL – Buffalo Grove, IL

- GPA: 5.67/5.00 weighted, 5.00/5.00 unweighted; ACT: 35

PROJECTS

April 2018 – May 2018

STREETSMARTS IOT PROJECT

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

September 2017 - Present

MIT SOCIETY OF WOMEN ENGINEERS (SWE) WEBSITE

- Served as web chair & board member
- Updated board member webpage; led campus-wide website workshops

January 2018

VULTURE FREE FOOD WEB APPLICATION

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

April 2016

HACKATHON JAVA PROGRAM

- Designed program to help autistic individuals communicate with others
- Consigned code to the Autism Speaks organization so that it could be implemented to help autistic individuals become more independent

EXPERIENCE

May 2018- August 2018

MCKINSEY & COMPANY COMPUTER SCIENCE INTERN

- Will collaborate with a consulting team to leverage solutions for clients

June 2013 – June 2016

GO EXPLORE SCIENCE & ENGINEERING CAMP INSTRUCTOR

- Taught Scratch programming language to 30+ middle school students and encouraged them to pursue computer science and engineering

VOLUNTEER

August 2017 - Present

WOMEN IN SCIENCE AND ENGINEERING MENTOR – Cambridge, MA

- Served as mentor for 30 high school girls
- Led STEM related activities, lessons, and discussions

August 2017 – Present

CRU WORSHIP TEAM LEADER – Cambridge, MA

- Coordinated worship team, selected songs, & led worship for 50+ people

AWARDS

January 2018

MIT WEB PROGRAMMING COMPETITION FIRST PLACE

January 2018

ASSOCIATION FOR WOMEN IN MATH ESSAY CONTEST SECOND PLACE

June 2017

NORTHROP GRUMMAN ENGINEERING SCHOLAR

March 2017

ILLINOIS TECHNOLOGY FOUNDATION FIFTY FOR THE FUTURE AWARD

July 2017

NATIONAL AP SCHOLAR

February 2016

NCWIT ASPIRATIONS IN COMPUTING AWARD

SKILLS

PROGRAMMING LANGUAGES: Python (expert), Java (proficient), HTML (expert), CSS (expert), JavaScript (proficient), C (novice), C++ (novice)

WORLD LANGUAGES: English (Fluent) & Spanish (proficient)

ADDITIONAL TALENTS: Unicycling, Percussion, Crochet, Graphic Design