Linnea Rylander

Personal Info

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GitHub
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Personal Website
linnearylander.com

LinkedIn
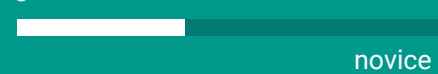linkedin.com/in/linnearylander

Programming Languages

Python

expert

Java

advanced

HTML

expert

CSS

expert

JavaScript

advanced

SQL

proficient

C++

proficient

C

novice

World Languages

Spanish

proficient

Additional Talents

- Unicycling
- Graphic Design
- Crochet
- Percussion

Education

Aug 2017 – Jun 2020	**Massachusetts Institute of Technology (MIT)**
	• Candidate for Bachelor of Science in Computer Science & Engineering
	• GPA: 5.00 out of 5.00
	• Relevant Coursework: Algorithms, Data Structures, Embedded Systems
	• Currently enrolled in Artificial Intelligence and Computation Structures
Aug 2013 – Jun 2017	**Buffalo Grove High School**
	• GPA: 5.67/5.00 weighted, 5.00/5.00 unweighted

Experience

May 2018 – Aug 2018	**McKinsey & Company – Computer Science Intern**
	• 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
Jun 2013 – Jun 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

Projects

Sep 2017 – present	**MIT Society of Women Engineers (SWE) Website**
	• Served as web chair & board member
	• Updated and improved existing site; led campus-wide website workshops
Apr 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: lrylander.github.io/StreetSmarts
Jan 2018	**Vulture Free Food Web Application**
	• Created interactive web application to help MIT students find free food
	• Utilized HTML, CSS, JavaScript, ExpressJS, & NodeJS to develop website: vulturemit.herokuapp.com
Apr 2016	**Aut-onomous Java Program**
	• Designed program during hackathon to help autistic individuals communicate with others
	• Consigned code to Autism Speaks organization for further development
Feb 2018 – May 2018	**Code for Good**
	• Created Timesheet App for Artists for Humanity, a Boston-Based Nonprofit organization
	• Revolutionized organization's ability to track and manage hours

Awards

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