

EDUCATION

Massachusetts Institute of Technology (MIT) – Cambridge, MA

Bachelor of Science, Department of Electrical Engineering and Computer Science

Relevant Courses:

Design & Analysis of Algorithms, User Interface Design, Artificial Intelligence, Computation Structures

Class of 2018

GPA: 4.7/5.0

EXPERIENCE

Factual – Los Angeles, CA

Summer 2017

Full Stack Software Engineering Intern

- Redesigned and implemented factual.com/contact landing page and forms to improve user experience and increase site conversion rate
- Designed, implemented, and open-sourced Patchwork, a tool to help developers dynamically keep track of open source dependencies used in their code

PurlPal.com – Cambridge, MA

Spring 2017

Final Project, 6.835 – Multimodal User Interaction

- Designed and prototyped tool to automatically track knitters' progress through a pattern using speech and natural gesture recognition

Lingua – Cambridge, MA

Fall 2016

Final Project, 6.170 – Software Studio

- Designed front end interface for multi-language chat web application (lingua.leckman.me) with 3 teammates
- Implemented back end user management, authorization, and authentication in Node.js with MongoDB

Ab Initio Software – Lexington, MA

Summer 2016

Software Engineering Intern

- Designed and developed a UI component library to ensure a uniform user experience
- Facilitated company-wide upgrade to modern web technology, including HTML5 and various front end tools such as Typescript and KendoUI

TakeCare Caregiver Platform – Cambridge, MA

Spring 2016

Final Project, 6.813 – User Interface Design

- Designed, prototyped, and implemented a novel interface efficiently and securely connecting caregivers with parents, guardians, and medical professionals
- Presented final product to industry professionals for evaluation

Seager Exoplanets Group (MIT) – Cambridge, MA

Summer 2015

Data Engineering Intern

- Developed a process to identify circumstellar disks around stars using existing telescope image data
- Quantized data for features of interest on data sets of thousands of targets with 10-15 images each
- Wrote, maintained, and documented open source Python module (exocode)

SKILLS

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|--------------|--------|---------------|---------|--------------|------------|
| • Python | • Java | • Ruby/Rails | • Linux | • JavaScript | • Matlab |
| • TypeScript | • Git | • React/Redux | • LaTeX | • Vue.js | • HTML/CSS |

LEADERSHIP AND ACTIVITIES

SPLASH Teacher, MIT Educational Studies Program

2014-Present

- Created lesson plans and taught 300+ high school students about memory malleability
- Course was chosen from over 60 humanities classes to be featured on online learning platform SplashX

Alpha Epsilon Phi, 2017 Chapter President

2014-Present

- Led all chapter meetings and activities, served as a liaison between the chapter and administrators
- Maintained prompt and efficient contact with involved parties, including the national organization