

# Mitchel P. Rydzynski

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## Education

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### Massachusetts Institute of Technology

Cambridge, MA

B.S. in **Computer Science and Engineering**

September 2018 - June 2022

Minor in **Mathematics**

Overall GPA: 4.6/5.0

**Relevant Coursework:** Computer Systems • Machine Learning • Computer Vision • Design and Analysis of Algorithms • Computational Structures • Embedded Systems • Fundamentals of Programming • Linear Algebra • Probability and Statistics • Multi Variable Calculus

## Experience

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### Markforged || *Software Engineer*

Boston, MA

June 2022 - Present

- Stabilizing and developing new features for the printers' middleware, the embedded application responsible for high level printer functionality
- Working closely with peers in mechanical, electrical, and materials disciplines to solve problems

### Markforged || *Software Engineering Intern*

Boston, MA

June 2021 - August 2021

- Built a benchmarking framework to measure, visualize, and record the performance of developing software
- Gained a deeper knowledge of software engineering best practices

### Paychex || *Software Development Intern*

Rochester, NY

June 2020 - August 2020

- Worked closely with automation test engineers on an Agile development team to convert testing from TAF, an outdated testing platform, to Robot Framework, an open source Python automation framework

### MIT CSAIL || *Researcher*

Cambridge, MA

January 2021

- Project aims to develop techniques to reduce the human effort involved in transferring information from diverse media to computers
- Worked to develop an algorithm that finds the set of optimal image transformations in order to achieve the best optical character recognition results

### Grit Seed Inc || *Software Development Intern*

Buffalo, NY

June 2019 - August 2019

- Evaluated and remodeled various features of the Grit Seed platform and application
- Implemented an auto-save feature to enhance user experience

## Leadership

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### MIT Delta Tau Delta || *Recruitment Chair*

Cambridge, MA

December 2020 - December 2021

- Responsible for planning and coordinating large scale new member recruitment events for the fraternity
- Managed a budget of 20,000 dollars

### Gordon Engineering Leadership Program || *Member*

Cambridge, MA

March 2020 - June 2021

- Developing leadership, teamwork, and communication skills in a selective leadership development program for engineering undergraduates

## Skills and Interests

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- Languages: Python, Javascript, Typescript, Bash, HTML, CSS, SQL, LaTeX
- Interests: Hockey, Golf, Skiing, Buffalo Bills, Poker, Sudoku, Reading, Blogging