

# Adam Janicki

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## Education

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### Massachusetts Institute of Technology (MIT)

Graduating May 2023

Bachelor of Science in Computer Science & Engineering

Cambridge, MA

GPA: 4.9

Relevant Courses: Software Studio, Performance Engineering in Software Systems, Design and Analysis of Algorithms, Software Construction, Computer Systems Engineering, Applied Cryptography and Security, Intro to Machine Learning, Mathematics for Computer Science

## Skills

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**Programming Languages:** Python, Java, C, TypeScript, JavaScript, Bash

**Technologies:** React, Node.js, Flask, FastAPI, HTML, CSS, MongoDB, Socket.io, Numpy, Pandas, Git

## Work Experience & Projects

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Stripe May 2022 - August 2022  
Software Engineering Intern San Francisco, CA

- Worked in React to improve Stripe's Dashboard Search UX and capabilities for end users and merchants
- Conducted experiments on UI/UX changes on users to analyze the effectiveness of improvements

MIT Department of EECS January 2022 - May 2022  
Lab Assistant for 6.031 (Software Construction) Cambridge, MA

- Guided students to solving important software design challenges such as specifications and testing suites
- Provided feedback to course instructors on class materials such as readings, handouts, and projects

Capital Technology Group June 2021 - August 2021  
Software Developer Intern Remote, US

- Developed a website to display an interactive machine learning analysis of regulations.gov dockets
- Focused on backend development using FastAPI in conjunction with SQLAlchemy & PostgreSQL
- Aided in frontend development using React, along with D3 to render analyzed data

MIT Department of EECS September 2020 - May 2021  
Lab Assistant for 6.0001/2 (Intro to Python) Cambridge, MA

- Reviewed code line by line, and guide students as they debug programs; support 5-15 students per session
- Taught students programming skills such as using data structures, searching, sorting, and recursion
- Helped instructors to create problem sets teaching students about image processing; test & debug assignments

MIT Civic Data Design Lab June 2020 - January 2021  
Computer Science Research Assistant Cambridge, MA

- Scraped data from nytimes.com to identify and analyze key issues addressed by the New York City Council
- Programmed components for backend database analyzing constituent responses and identifying patterns

Adamovies: Independent Project February 2021

- Utilized React & NodeJS to build a movie and TV show review site
- Used Mongoose to connect to MongoDB & store dynamic information such as users, reviews, and user comments