Adam Janicki

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Education

Massachusetts Institute of Technology (MIT)   Graduating May 2023

Bachelor of Science in Computer Science & Engineering   Cambridge, MA

GPA: 4.9

Relevant Courses: Performance Engineering in Software Systems, Design and Analysis of Algorithms, Software Construction, Computer Systems Engineering, Applied Cryptography and Security, Computation Structures, Intro to Machine Learning, Intro to Algorithms, Mathematics for Computer Science, Linear Algebra, Probability and Random Variables

Skills

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

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