Adam Janicki

703-884-7877 • Falls Church, VA • ajanicki@mit.edu • adamjanicki2.github.io/

Education

Massachusetts Institute of Technology (MIT)   Expected Graduation May 2023

Candidate for Bachelor of Science in Computer Science & Engineering   Cambridge, MA

GPA: 4.9

Courses: Performance Engineering in Software Systems, Design and Analysis of Algorithms, Software Construction, Computer Systems Engineering, Applied Cryptography and Security

George Mason High School   2015 - 2019

GPA: 4.33   Falls Church, VA

Skills

Programming: Python, Java, C, TypeScript, JavaScript, React, NodeJS

Work Experience & Projects

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
- Created real-time commenting by updating comment threads using sockets

Activities & Awards

MIT Swim Team   September 2019-Present

- Awarded with NCAA All-American in March 2020

Amphibious Achievement   September 2019 - May 2020

- Volunteer: coached swimming to and tutored high school students with insufficient resources