

Angel G. Alvarez

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EDUCATION

Massachusetts Institute of Technology
B.S. Candidate, Computer Science and Engineering
GPA 4.8/5.0

June 2020

Natomas Pacific Pathways Prep Charter High School
GPA 4.12/4.0

September 2012 - June 2016

EXPERIENCE

Student Information Processing Board
Executive Committee Member

sipb.mit.edu
August 2016 - Present

- Served as publicity director to develop club relationship with the MIT community.
- Fostered campus awareness for club goals through event organization and publicity campaigns.
- Increased public awareness to changes in MIT's computing infrastructure. Gained over 500 signatories for petition to administration.

MIT TechX ProjX
Internal Committee Lead

projx.mit.edu
September 2016 - Present

- Coordinated with a team to review approximately 100 project applications per term. Organized events to connect makers with the MIT community.
- Created website for events using Node.js and Express backend.
- Orchestrated audio/visual technical services for ProjX events.
- Organized first ProjX Expo event, with an attendance in excess of over 200 students.

MIT TechX Developer Operations
Lead Developer

techx.io
September 2016 - Present

- Developed gallery web application for the TechX organization to showcase projects made by the MIT community.
- Used Node.js for building a backend, MongoDB for database, and Semantic UI for frontend framework.
- Sparked interest in web application from internal dev ops, modified application to accomodate needs of all of TechX.

6.148 Web Programming Competition
Participant

6.148.scripts.mit.edu/2018/
January 2017

- Built full stack web application in competition against hundreds of MIT students.
- Explored unorthodox methods of connecting ideas through structured graphs.
- Finished competition as a semifinalist.

Next House Judicial Committee
Wing Representative

next.mit.edu
September 2016 - September 2017

- Managed budget for dorm wing to organize community building wing events.
- Served as liaison between the dorm's residents and government.

SKILLS

Java, Python, JavaScript, Haskell, Git, Bash, \LaTeX , HTML, CSS, Arduino, Processing, MongoDB, Vim, Octave, functional programming, full stack web development.

ACADEMIC HONORS

AP Scholar with Distinction, National Honor Society, Questbridge Scholar, National Hispanic Recognition Program.