

Maximo Machado

maximo@mit.edu | 215-696-1616 | Github: MaximoMachado

EDUCATION

Massachusetts Institute of Technology | GPA: 5.0

Bachelor's Degree in Computer Science and Engineering

September 2019 – May 2023

Cambridge, MA

WORK EXPERIENCE

Full Stack Web Developer Intern

Falcn Lab LLC

August 2020 – November 2020

Virtual

- Built a Customer Relationship Management (CRM) website to be used internally
- Wireframed and blueprinted the CRM's UI using Figma
- Designed a MySQL database with careful attention to the required specifications of the CRM and avenues for normalization
- Improved the admin tools of a pre-existing Content Management System (CMS) for the company's website

PROJECTS

Spotify Playlist Manager

Sole Developer

December 2020

- Created a website, spotifyplaylistmanager.net, designed for Spotify users to manipulate and manager their playlists in new and exciting ways.
- Pushed nearly 200 commits to the GitHub repository while learning a large array of knowledge from full-stack development to deploying a website on a local desktop with NGINX
- Utilized the PERN (PostgreSQL, Express, React, Node.js) technology stack

Courseroad

Team Member

September 2019 – Present

- Collaborated with a team of four on a website designed to plan academic schedules at MIT
- Gained valuable experience working with large codebases and reading other team member's code
- Implemented new interfaces and functionality for brand-new features such as petitioning classes

EXPERIENCES

MIT Undergraduate Practice Opportunities Program (UPOP)

SKILLS

Languages: English (Native), Spanish (B1), Finnish (A1)

Programming: Python (NumPy, SciPy, Matplotlib, Pandas), MATLAB, Mathematica, Java

Document Creation: Microsoft Office Suite, LaTeX, Markdown