

Henry Faria

About



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hfaria24.github.io/resume/



hfaria24

Programming Languages

Python Java JavaScript

Software/Frameworks

web2py Bootstrap

Full Stack

Experience

MIT Summer Program

06/2020 - 08/2020

Student

Studied online at MIT, learning about Electrical Engineering Systems and Embedded Systems as well as Engineering Journalism

- Worked on several small projects, as well as the Motion Controlled Remote Speaker

Open Source Projects

Motion Controlled Remote Speaker

06/2020 - 08/2020

Python Bootstrap Engineering

- Designed and developed a glove that can detect motion through acceleration detectors, as well as gyroscopes to determine orientation.
- Modified a Bose speaker by externally connecting its controls to a receiver.
- Developed a program that interprets information sent by the glove and converts it to commands that is sent to the receiver to control the speaker in less than a second.

Idle Clicker Game

06/2019 - 08/2019

- Developed a simple game that allows users to click images of fruit in order to obtain currency.
- Currency could then be used to buy upgrades that would automate currency acquisition.
- The backend of the project required multiple counters and calls to functions from other files.

Education

Cornell University

08/2022 - Present

Bachelor's of Science in Computer of Sciecnce

- Intro to Computer Science using Python
- Calculus for Engineers
- Engineering General Chemistry

Miami Dade College

08/2019 - 05/2021

Bachelor's of Arts in Arts and Science

- Pre-Calculus
- Calculus 1
- General Physics
- Physics 2

Awards

Valedictorian

Mater Academy Charter High

An award given by graduating top of the class constisting of over 400 students.