Joseph Cardenas

2419 Bronson Road | Fairfield, CT 06824 | (203) 362-7680 | coderjoe05@gmail.com
https://www.linkedin.com/in/joseph-cardenas-951271231/

EDUCATION

Hopkins School, New Haven, CT
Diploma expected, 2024
Accelerated in math and science, straight-A student
Relevant Coursework: Web Design, Topics in Programming, Senior Project (Breadboard Electronics), Linear Algebra

Carnegie Mellon University School of Computer Science, Pittsburgh, PA
Enrolled, Degree expected 2028

LEADERSHIP EXPERIENCE

HopCodes, *Club Head,* Hopkins School   Spring 2022 – Spring 2024
- Work together with other club heads and faculty advisors to schedule and lead meetings
- Keep club members engaged, lead learning and project-based sessions
- Brainstorm possible future projects and learning topics

Pathfinder, *Teaching Fellow,* Hopkins School   Winter 2022 – Spring 2024
- Work with co-teachers to create lesson plans
- Help middle-school students learn math concepts
- Work one-on-one with students

OTHER ACTIVITIES

Varsity Golf, *Captain*, Hopkins School   Spring 2021 – Spring 2024
- Participate in a number of matches and work with the entire golf team to make improvements

Sustainability Committee, *Leader*, Hopkins School   Fall 2021 – Spring 2024
- Brainstorm ideas for and increase awareness of practices to reduce Hopkins's environmental impact
- Make recommendations for future sustainable actions to be taken by Hopkins School

SOFTWAREDEVELOPMENT – *Portfolio at https://joecardenas.dev/*

Endeavour Inspired Infrastructure, *Software Intern*   Summer 2023, Summer 2024
- Built an interactive map using Mapbox, React, and WMS

Memeinator, *iOS app* – https://memeinator.joecardenas.dev/
- Makes layered and complex transformations to text using Swift, SwiftUI, and SolidJS (Landing Page)

StatShot, *iOS app* – https://statshot.joecardenas.dev/
- Golf statistics and practice app, built with Swift, SwiftUI, and SwiftData

Hydroponics Robot, *Software and hardware*
- Manages hydroponic plants using custom hardware and software, presented in an easy-to-use web UI

Homelab, *Personal Server*
- Uses Docker and other deployment techniques to host my portfolio, mail server, and many other personal projects

SKILLS AND INTERESTS

- *Skills:* Swift, iOS Development, Java, Rust, Web Tech (HTML, CSS, JavaScript), Breadboarding, Digital Electronics
- *Interests:* Technology (TVs, Computers, VR, etc.), Building Computers, Gaming, LEGO, Chinese Language