Cameron Weiss

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ABOUT ME

I am a computer science student looking to break into the world of software development.

SKILLS

Experience In:
- C#
- C++
- Java
- Python
- JS
- HTML, CSS

Experience With:
- Git
- Flask
- React

Language

English
- Fluent in speaking, writing, reading.

Spanish
- Fluent in speaking, writing, reading.

German
- Intermediate in speaking, writing, reading.

Portfolio

https://github.com/Ceweiss42
https://www.youtube.com/channel/UClAoe7rw59jWl-4moscQCZg

EXTRACURRICULAR ACTIVTIES
- **Long Beach Men's Lacrosse**
- **Legionnaires LC (SCLL)**

EDUCATION

Spring 2024(Expected Graduation Date)

BACHELOR OF SCIENCE, COMPUTER SCIENCE
CALIFORNIA STATE UNIVERSITY, LONG BEACH
Current GPA: 4.0

Projects

Autonomous RC Car- RC car driven via Machine Learning. Ran on Arduino, Raspberry Pi, with serialized info from accelerometers, ultrasonic sensors. Written in Python, Arduino

CarFinder (WIP) – Machine Learning app for cars. Uses Flask, React Native, MongoDB. Written in Python, JS.

Hydrogen Go Kart – Custom built Hybrid-Electric Go Kart using a Hydrogen Fuel Cell and an Arduino-based EMS.

H-Pattern Gear Shift – Arduino based custom controller for SIM racing game. Uses Arduino and Python to create a virtual input device.

Work Experience

(2021 - Current)

Code Ninjas Lead Instructor
Code Ninjas, Fountain Valley
Taught JS, C#, Python, Java. Worked with local schools. Taught kids aged 8-17. Wrote curriculum for various programs. Presented daily to people of all ages.

(2021 - Current)

School Robotics Coach
Waldorf School of Orange County
Coached Sustainable Engineering RC Racing Teams. Helped teams gain engineering experience and critical thinking skills. Achieved a top 10 rank internationally.

Volunteer

(Summer 2020)

Ocean Institute
Volunteered at the Ocean Institute. Taught kids about the ocean. Helped build robots to clean up the beach. Taught soldering, programming, and robotics fundamentals.

(2018-2020)

Hydrogen Racing Teams
Built and engineered sustainable remote-control cars. Continually improved, designed, and engineered the cars. Worked as a team to develop efficient, fast, and durable cars. Qualified for statewide competitions. Won awards for engineering expertise.