

Cameron Weiss

(714) 587-8691 | ceweiss7@gmail.com | <https://ceweiss42.github.io/Resume-Website/index.html>

EDUCATION

California State University, Long beach (CSULB)

Long Beach, CA

Bachelor of Science in *Computer Science*

Class of 2024

- **Relevant Coursework:** MongoDB/Postgres Database systems, .NET Application development, data analytics, computer theory

WORK EXPERIENCE

Code Ninjas

Fountain Valley, CA

Lead Code Instructor

May 2021 – May 2024

- Taught JavaScript, C#, Python, and Java to children of all ages, fostering skills and enthusiasm for programming.
- Partnered with schools to teach robotics fundamentals, enhancing STEM education through practical learning.
- Created detailed curricula and customized lessons, tailoring content to diverse student needs.
- Delivered engaging daily presentations, simplifying complex technical concepts for audiences of all ages.

Waldorf School of Orange County

Costa Mesa, CA

Head Robotics Coach

September 2021 – May 2024

- Coached Sustainable Engineering RC Racing Teams, enhancing team performance and strategy.
- Guided teams in developing engineering expertise and critical thinking skills.
- Developed custom real-time data analysis tools to optimize race strategy.
- Led engineering efforts, achieving a top 9 international ranking.

PROJECTS/PORTFOLIO

Data Toolbox

WPF, C#, .NET

Data Analysis tool for Real Time data insights

- Data Analysis tool built on the .NET framework. Allows full control of millions of data points across many different streams of data. Visualizes data for easy and efficient analysis

H-Pattern Shift Game Controller

Python, Arduino

Arduino Game Controller

- Arduino based custom controller for SIM racing game Assetto Corsa. Uses Arduino and Python to create a virtual input device. Built an Arduino interface to translate real-world input data to game inputs.

Sportscar Spotter

JS, React, Python, PostgreSQL, AI/ML

AI car identification social media app

- Fully functional car identification social-media app. Utilized Object Detection Machine Learning Models to identify cars in photos. Built in React. Link: sc-backend.brian2002.com

Encrypted Messenger

Python, PGP

Private P2P messenger

- Custom built peer-to-peer encrypted command line messaging system using PGP asymmetric encryption. Utilizes OpenPGP system to create a private, direct messaging system.

SKILLS

C#, Python, Java, JavaScript, HTML, C/C++, React, Tensorflow, .NET MAUI, Flask, MongoDB, PGP

LINKS

<https://www.youtube.com/channel/UClAoe7rw59jWl-4moscOCZg>

<https://github.com/Ceweiss42>

<https://ceweiss42.github.io/Resume-Website/>

<https://www.linkedin.com/in/cameron-weiss-19207b177/>