Alfredo Sequeida
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EDUCATION

California State University Long Beach
- Pursuing a bachelor's degree in Computer Science.

EXPERIENCE

Custom Game Controller   April 2021
https://github.com/AlfredoSequeida/Nerf-Gun-Call-of-Duty-Warzone-Controller

Featured in the news by the Raspberry Pi Foundation
https://www.raspberrypi.org/blog/play-call-of-duty-with-a-raspberry-pi-powered-nerf-gun/

- Turned a Nerf Gun into a PC game controller using custom 3D printed parts, an old Android phone which I repurposed by creating a custom app to use the accelerometer data, and Python code.
- The project is powered by a Raspberry Pi 4 Model B.

Founder And Creator of Sellphone (https://www.sellphone.io)   January 2018

- Created a web application where people can sell their used smartphones with ease by scheduling pickups or shipping in their devices. During active periods Sellphone handles over 2,000 users per month and generates over $80,000 per year in revenue.
- The web application is built using Bootstrap, HTML, CSS, and JavaScript in the frontend and Django using Python in the backend. It's deployed on an Ubuntu server using Digital Ocean.

Software Engineer Internship - Sound Drill Los Angeles, CA   April 2017 - May 2017

- Deployed and maintained Amazon Web Services instances for the company website and web applications

- Maintained the company website using JavaScript, CSS, and HTML
- Collaborated with other developers using Git Versioning.

Freelance Work - All Green Recycling Tustin, CA   January 2017

- Deployed a persistent Linux operating system to run custom automated software that I wrote to gather hardware information quicker than the company's manual process. This information was then automatically stored on a MySQL remote database.

- This project was created using Python and Bash.

Skills:
Programming languages: Java, C++, Python, JavaScript, HTML, CSS
Web frameworks/libraries: Bootstrap, React, React Native, Django
Other libraries: Selenium
Operating Systems: Microsoft Windows, Apple Mac OS, Linux
Versioning: Git