ZS Zeke Sarosi

Aerospace Engineering Major

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Based out of Hawai'i I have extensive experience with Linux and Python programming. Purely self taught I have used the internet to teach myself these vital tools. Along the way I have completed multiple projects with a variety of applications. Besides programming, I fix cars and sometimes boats, specializing in wiring and electronics. I'm personable and can work on a team; pizza chef at Pau Pizza in Kamuela.

Education

High School   Hawaii Preparatory Academy at Waimea | August 2018 - May 2022

Graduated top 10 of class with a GPA of 4.35. Admitted to Cum Laude Society. Awarded "Positive Divergance Award" as well as the "Engineering Award" for academic achievements.

Key Skills

- Python Developer
- Docker
- Raspberry Pi
- Linux
- Git
- TI-Basic
- Fusion 360
- Basic Car Mechanics
- Wiring

Projects

- Developed a Python Package that integrates with the school's dining service to be able to easily deploy the menu with third party applications.
- Arch Linux package with Python that can browse the Arch wiki offline, providing vital technical support to the Arch community in times of no connectivity.
- With Raspberry Pi, I coded a script that can measure acceleration and motion data for ski-racers and provide them vital data in practice.
- In Python I developed a Physics Engine that simulates the motion of the planets in our solar system with real world data. Later developed it into a game where the player can control the thrust of a rocket to try and get to other planets.
- Capstone project of High School: I designed and developed a compost sifting machine that could take raw unusable compost and turn it into usable rich soil.