Mason Galat

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SKILLS

Languages
Python, HTML, CSS

Tools
Django, Git, SQLite, Heroku, Visual Studio Code, Packet Tracer, Wireshark,

Operating Systems
Linux (Ubuntu), Windows

PROJECTS

Personal Portfolio Website 2021
- Developed a portfolio website for displaying personal skills and interests using Django and SQLite.
- Integrated SQLite at the back-end, and used CSS to style the components from a database.
- Learned hosting and hosted the website on Heroku cloud platform.

IPv4 Address Finder 2021
- Developed a program that uses python's socket and requests libraries.
- Triggers an API to retrieve and display the device's public and private IPv4 addresses.
- Makes fetching network data and troubleshooting significantly faster.

Alien Invasion Game 2022
- Created a Space Invaders clone game using python's pygame library.
- Learned many advanced programming fundamentals and practices.

EDUCATION

Networking 2018 – 2020
Admiral Peary Vocational Technical School Ebensburg, PA
Cisco Certified Instructor-Led course earning CCNA R&S: Introduction to Networks certification.

Diploma 2016 – 2020
Penn Cambria High School Cresson, PA
Completed strong classes with excellent grades including Basic Web Design, Algebra II, Physics, and Financial Math.

COURSES

Scientific Computing with Python 2021
Free Code Camp
Developer Certification, representing approximately 300 hours of coursework. The course involved projects like a budget app, time calculator, and probability calculator.

CCNA R&S: Introduction to Networks 2020
Cisco
Completed in-depth coursework involving routing/switching, subnetting, security, ISO, topology, and theory.