

# Mason Galat

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## SKILLS

### Languages

*Python, Javascript, HTML, CSS, SASS*

### Tools

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

## PROJECTS

### Personal Portfolio Website

- Developed a portfolio website for displaying personal skills and interests using Python's Django web framework.
- 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.

### Pasword Generator

- A Javascript program with a modern GUI to generate unique and complex passwords.
- Implements important logic and responsiveness for modern-day web development.
- Contains a real-world solution and used for personal use.

### IPv4 Address Finder

- 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

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

## EDUCATION

### Networking

Ebensburg, PA

*Admiral Peary Vocational Technical School*

Cisco Certified Instructor-Led course earning CCNA R&S: Introduction to Networks certification.

### Diploma

Cresson, PA

*Penn Cambria High School*

Completed strong classes with excellent grades including Basic Web Design, Algebra II, Physics, and Financial Math.

## COURSES

### Scientific Computing with Python

*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

*Cisco*

Completed in-depth coursework involving routing/switching, subnetting, security, ISO, topology, and theory.