

JASON PONCE

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GITHUB: [GITHUB.COM/JASON-PONCE](https://github.com/JASON-PONCE)

SKILLS

FRONT END DEVELOPMENT

HTML
CSS
JavaScript
Materialize CSS
Bootstrap 4

BACK END DEVELOPMENT

Python
Flask
SQLite

Misc

Git Hub
Linux
AWS
Google Cloud

GRAPHIC DESIGN

Photoshop
Illustrator
InDesign

PROJECTS

The Connect

Team project assigned by Southern, with the goal of connecting students, teachers and companies looking to form internships.

Role

Team leader

Worked on front end development

Managed the teams Git repo

HeroesDonate

Senior capstone project, inspired by a lack of digital donation website. HeroesDonate was a website where users could donate their digital goods. For example, E-Books, Video Game Keys, and other giftable products. To provide security, a peer-to-peer protocol system was used to host the donated good in a private node swarm hosted on Google Cloud. Each transaction was shown on a public ledger to let users know their donation was going to where they wanted. At this point using Solidity, the encrypted digital good would be sent into a smart contract through Ethereum and retrieved when the recipient requested the digital good.

Jasonponce.info

Jasonponce.info is my personal website that I built from the ground up. I used Python as the back-end programming language and Flask as the web framework. Materialize CSS is the base CSS framework, with added CSS and JavaScript for styling and DOM control. The site is running on a Linux t2.micro AWS instance with Amazons Route 53. With the site running in the cloud, uptime is near 99.99% and it allows for me to remote SSH from any device I own with the private/public keys.

EDUCATION

United States Army

Southern Connecticut State University

B.S. of Computer Science

Minor of Studio Art -Graphic Design

5th Annual Undergraduate Student Research and Creativity Conference

Presented the underlying foundation of my senior capstone project, HeroesDonate. The goal of the presentation was to showcase the theoretical usage of a peer to peer network and a smart contract system in a block chain. This was done to produce a public ledger of the donated goods as well as encrypting the donated goods.

Aug 2011- Jan 2019
Graduation Dec 2019
Aug 2015 - Dec 2019
Aug 2019 - Dec 2019
April 2019

EXPERIENCE

US Army Fort Drum, New York

Integrated Family of Test Equipment Operator and Maintainer (Specialist)

- Repaired and maintained the Base Shop Test Facility worth over \$1,500,000.
- Tested and repaired various line replaceable components in various military equipment.
- Provided end of the day updates to direct supervisors and senior officers.

1109th TASM-G Connecticut National Guard

Integrated Family of Test Equipment Operator and Maintainer (Sergeant)

- Supervised lower enlisted in completing mission goal.
- Provided support in TASM-G maintenance and directives.

Stop & Shop Pharmacy Technician

- Maintained customer relationship with pharmacy and storefront.
- Dispensed, maintained, stocked medication.

Aug 2011- Jul 2015

Aug 2015- Jan2019

Jun 2017- Dec 2018