

# ISMAEL GALARZA

ACTIVE SECRET SECURITY CLEARANCE

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<https://ismaelgalarza1.github.io/Portfolio/>

## PROFESSIONAL SUMMARY

Army Veteran and associate-level software development graduate from ECPI University with a strong foundation in programming principles across multiple platforms as well as the software development life cycle. A background in Unmanned Aircraft Systems (UAS) repair, web development, Front-End Development, and experience in object-oriented programming. Customer service and results-focused with strong written and verbal communication skills. Coachable, fast learner with a willingness to learn new technologies, seeking to enhance development skills while managing expectations.

## TECHNICAL SKILLS & QUALIFICATIONS

**Languages:** PHP, JavaScript, Java, Dart, CSS, SQL, HTML, C, Python

**Operating Systems:** Windows 7, 10, Linux, Mac OS

**Software:** Linux, Git, Virtual Studio Code, Notepad++, DEV-C++, Microsoft Office Suite, Flutter, Piccolo Autopilot. Node.js

**Database Management:** MySQL, Oracle

**Cloud Solutions:** Firebase, AWS S3

**Project Management:** Slack, Microsoft Teams

**Framework:** Bootstrap 5, React.js, Flutter

## EDUCATION

**Associate of Science in Computer Information Science, Major; Software Development**

May 2022

*ECPI University Online* – Virginia Beach, VA

- Summa Cum Laude (4.0 GPA)
- Dean's List (Maintained above 3.7 Cum. GPA for two Consecutive Semesters)

*Key Coursework:*

- Cloud Solutions
- Networking
- Linux Administration
- Principles of Cybersecurity
- Web Interface Design
  - Database Design
- Server-Side Scripting with PHP
- Object-Oriented Programming

**Data Visualization Developer Certification**

February 2024

FreeCodeCamp

[https://freecodecamp.org/certification/Ismael\\_Galarza/data-visualization](https://freecodecamp.org/certification/Ismael_Galarza/data-visualization)

## PROJECT EXPERIENCE

### Personal Portfolio

<https://ismaelgalarza1.github.io/Portfolio/>

Developed a dynamic portfolio website leveraging HTML5, CSS3, and Bootstrap 5 to craft a visually appealing front-end interface. Employed JavaScript to manipulate the Document Object Model (DOM) and integrated CSS to implement a preloaded spinner, enhancing user experience upon webpage loading. Implemented a user-friendly contact form on the designated "Contact Me" page, utilizing GET and POST actions within the form tag to facilitate seamless communication with interested parties.

### The Git and GitHub Boot Camp | *Udemy*

Completed July 2022

Open-source Git and GitHub utilization, hosted by Colt Steele

### Flutter Development Boot Camp | *Udemy*

Completed May 2021

Boot camp for flutter framework and dart language, hosted by Dr. Angela Yu

## MILITARY EXPERIENCE

### Unmanned Aircraft Mechanic Technician

Oct 2008 – Current

Sergeant First Class | *North Carolina Army National Guard* – Fort Bragg, NC

- Network all thin clients to the server database within the Flight facility for optimal usage.
- Troubleshoot and maintain avionics, fiber optic cabling, and coaxial for aircraft serviceability.
- Conduct backups, develop SQL databases and manage the aviation maintenance record keeping system.
- Update all software for aircraft, ground control stations, and landing systems on an as needed basis.
- Train over 50 soldiers on the Shadow 200 aircraft in preparation for upcoming deployments and training exercises.

#### *Deployment:*

- Managed all Shadow 200 unmanned aircraft systems for multiple missions, both foreign and domestic.
- Supervised 30 soldiers during multiple deployments, training exercises, and duty hours.

## FURTHER WORK EXPERIENCE

### Field Service Representative III

June 2021 – Current

*AeroVironment Inc.* | Petaluma, CA

- Update and troubleshoot software, firmware, and signal for all Jumps 20 ground support equipment.
- Utilized programming skills to add, remove, or update items in XML within the Vigilant Spirit Autopilot to accommodate all end users during a demonstration for JSOC and Army personnel.
- Repair and maintain four of AeroVironment's multi-million dollar Jump 20 Unmanned Aircraft for missions.

- Mentor new Jump 20 mechanics on airframe, software, and avionics, adhering to company policies and standards.

*Accomplishments:*

- Recommended for Maintenance Lead position as a result of keeping equipment mission capable for 6 out of 7 required months.
- Successfully completed the dual qualification course while serving as an Aircraft Operator and Mechanic during overseas deployments.

**Wire Technician**

May 2013 – Oct 2018

*AT&T Corporation* | Goldsboro, NC

- Installed and configured business customers' modem, routers, and static IP addresses to ensure all business customer's systems can properly run with AT&T internet.
- Repaired and maintained copper and fiber optic telephone lines for voice over internet protocol (VoIP) and internet on residential and business customers.
- Trained 10 Wire Technicians on safety, wiring diagrams, and configuration of the static IP address for business customers.

*Accomplishments:* • Received multiple 5 star awards for having above and beyond metrics supported by customer surveys / feedback.

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## References

### **Justin P. Rivera**

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### **Joe Pfankuch**

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### **Jarrod Saxton**

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### **Terrence D. Baker**

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