

ISMAEL GALARZA

ACTIVE SECRET SECURITY CLEARANCE

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PROFESSIONAL SUMMARY

Army Veteran and Associates 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, 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, Piccolo Autopilot. Node.js,

Database Management: MySQL, Oracle

Cloud Solutions: Firebase, AWS S3

Project Management: Slack, Microsoft Teams

Framework: React.js, Anime.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 | • Web Interface Design |
| • Networking | • Database Design |
| • Linux Administration | • Server-Side Scripting with PHP |
| • Principles of Cybersecurity | • Object-Oriented Programming |

PROJECT EXPERIENCE

Admin Dashboard (The Odin Project)

Nov. 2022 - Current

The admin dashboard was built to show aircraft and maintenance due for the end user. Used HTML, CSS to structure and style the web page, used grid to establish a grid area to determine where the content is going to be placed. Used Ajax library for all the social media icons and menu items. Utilized Git for version control.

Rock Paper Scissors (The Odin Project)

Sept. 2022

Built a static website to play rock-paper-scissors against the computer. Used HTML to structure the web page, and used CSS to style the webpage to include Flexbox and media query to be responsive. JavaScript was used for the functionality of the buttons, weapons display, and if the user won or lost the game. Utilized the Math.random function to randomly select the computer's rock, paper, or scissor selection.

PERSONAL DEVELOPMENT

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 Sprit 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.
- Build scripts to track progression and data from airframe.
- Troubleshoot network and hardware during flight operations.

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.