

FIONNLAGH JONES

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Summary

United States Marine Corps veteran turned tech professional. Experience in DoD Aviation and test engineering for RF and other aviation and space defense components. Has and can hold DoD Security Clearances. My passion for being hands on and building anything tangible is only matched by my attention to detail and problem solving. I love being a maker, a leader, and a team player. I strive for success at every opportunity.

Skills

| | | |
|----------------|--------------------------------|------------------------|
| Python | Javascript + Node.js | Java |
| Networking | Linux Server | Windows, MacOS, Ubuntu |
| Lean Six Sigma | Project Management/Kanban Flow | API Integration |
| SQL/mysql | Git/Github/Gitlab | Technical Writing |

Experience

Jr Software Engineer | FM Expressions April 2023-current • Supported dev ops and dev team in day to day operations with maintenance, updates, and fixes.

- Worked directly with company leadership to maintain the company's e-commerce website to ensure efficiency and ease-of-use for customers.
- Created metric tracking tools for internal use by leadership.

Production Technician, UI Developer | RapidTPC August 2022-December 2022 • Wrote and created User Interface for industry Universal Testing Machines.

- Produced complex tokens and manufactured composite/ carbon fiber parts for external customers.
- Built and programmed Production Logic Computers (PLC) and bespoke manufacturing equipment
- Redesigned and strengthened company networking and cybersecurity.
- Delivered quality product in rapid timelines.
- Responsible for Quality Control and Assurance for all products leaving the workshop to customer deliveries.

Environmental Technician II | Cobham Advanced Electronic Solutions May 2018-May 2021 • Oversaw Quality Control and Assurance for all products leaving the workshop to customer deliveries. • Perform the set-up, calibration, tuning, testing and troubleshooting of circuits, components, instruments and mechanical assemblies

- Developed test specifications, methods and procedures from blueprints, drawings and diagrams;

- Tested and troubleshoot assemblies and/or final systems; will complete rework instructions on assemblies and/or systems as a result of testing; prepare technical reports summarizing findings and recommend solutions to technical problems.

Shift Supervisor | Starbucks Coffee, LLC. September 2021-October 2021 • Assisted the store manager in executing store operations during scheduled shifts. • Deployed partners and delegated tasks so that partners can create and maintain the Starbucks Experience for our customers.

6469 CASS TECH I-Level | USMC/USMCR June 2014-June 2020 • Performed the set-up, calibration, testing and troubleshooting of circuits, components, and mechanical assemblies of high powered RTCASS test benches and various aircraft components.

- Determined specifications, methods and procedures from blueprints, publications, drawings and diagrams; tests and troubleshoots assemblies and/or final systems.
- Assisted in the selection and set-up of specialized test equipment; perform work of high complexity.
- Scoped and planned project to lay out a physical network.

Projects

- Twuno – Built a second iteration of the famous card game “Uno”, text base turn by turn built using Python, Pycharm, APIs, and VS Code
- Ran and terminated CAT5e Ethernet for home networking
- Racking and maintaining on-prem servers
- Build and repair laptops and desktops

Education

Associates of Science – Electrical Engineering: San Diego Mesa College May 2021
 Associates of Science – Computer Science: Community College of Allegheny County May 2023

TechWise by TalentSprint and supported by Google– Software Engineering: September 2023
 Community College of Allegheny County

18-month intensive training program focused on building fundamental knowledge/experience with software development technology

Non-Commissioned Officer’s Leadership Course: Marine Corps Air Station Miramar July 2019