

# Diego A. Rivada

Security Engineer | Cybersecurity & Embedded Systems | FAA/EASA Compliance  
Seattle, WA | diegoarivada@gmail.com | GitHub: github.com/diegoarivada | Portfolio:  
diegoarivada.dev

## Technical Skills

**Languages:** Python, C, C++

**Security Tools:** Nmap, Nessus, Wireshark, Kali Linux, Digital Forensics, Reverse Engineering

**Networking & DevOps:** VLANs, WAN, Docker, Infrastructure Management

**Project Tools:** JIRA, Agile Methodologies

## Professional Experience

**The Boeing Company – Product Security Engineer II** | Seattle, WA | June 2025 – Present

- Conduct comprehensive security assessments of aircraft systems to ensure FAA/EASA regulatory compliance.
- Execute in-depth vulnerability scans using Nmap and Nessus; remediated critical exposures.
- Provide customer support to airlines with processing Service Requests, performing log analysis and archive reviews to support continuous airworthiness. Provide customer support to airlines
- Mentoring new engineers; drove inclusion efforts during onboarding and team integration.
- Managed Certificate Signing Requests (CSRs) for Flask-based web applications, strengthening SSL/TLS security configurations.

**The Boeing Company – Product Security Engineer** | Seattle, WA | Feb 2023 – June 2025

- Conduct comprehensive security assessments of aircraft systems to ensure FAA/EASA regulatory compliance.

**My Little World – Operations Manager** | Miami, FL | May 2021 – Jan 2023

- Oversaw business and IT operations, enhancing efficiency through workflow digitization.
- Bridged technical and administrative teams to facilitate rapid, cross-functional collaboration.

## Education

**University of Southern California (USC)**

M.S. in Systems Architecting and Engineering | Expected 2027

**Florida International University**

B.S. in Computer Engineering, Cybersecurity Concentration | 2022

## Projects & Hackathons

- **Banking API GUI (ShellHacks):** Developed a Python GUI utilizing Capital One APIs to manage financial data.
- **MATTY CLI Assistant:** Designed a shell-based assistant to automate and simplify CLI workflows.
- **Hackathons:** Participated in events focused on AR/VR, cybersecurity, and ML/AI with notable achievements.