

# ARIEL BARBOZA

ariel@arielbarboza.com | (954) 505-9000 | <https://linkedin.com/in/abarboza>

## Experience

2019-Present

### LOCKHEED MARTIN

ORLANDO, FL

#### Software Engineer, Leadership & Development Program (2020-Present)

Lead an Agile Scrum team of 15 developers as a Scrum Master and perform engineering and development changes as a Software Engineer on a project that integrates multiple components supporting full-lifecycle management and sustainment to more than 300,000+ fielded training aids, devices, and simulators. Use Jira, Slack, Postfacto, Git and Bitbucket to track bugs, features, progress and other tasking.

- Engineered over 220 software solutions using SQL Server Integration Services (SSIS), SQL Server Reporting Services, Oracle Databases, Microsoft SQL Server, and Tableau.
- Led the transformation of 42 reports to more efficient software architecture resulting in a 40% decrease in DWH load time.
- Enforced Kanban principles as a Scrum Master that resulted in reduction of failback rate by 20% in less than six weeks.
- Coached new team members in Scrum best practices to decrease failback rate from 20% to 4.5% in three sprints.
- Established team velocity metrics by incorporating capacity forecasting into sprint planning sessions.
- Resolved a complex communication issue by reshaping team communication via implementing Slack, now the fourth most used Slack Channel at Lockheed Martin.
- Decreased punt rate by 78% by instituting time-tracking tool, Jira leading to SOAR RMS-wide recognition.

#### Software & Systems Engineering Intern (2019)

Worked as a member of an Agile team to maintain and provide support for the software stack, design systems, analyze requirements, integrate and test software as both a Software and Systems Engineer on a development program.

- Developed 90+ software fixes and added functionality to the system using Java/J2EE, SQL, and JavaScript.
- Tested the transition and full integration of 35 reports from CSV extraction to SSRS Reporting Services to make the reports more user friendly for the end customer.
- Acted as Project Manager for an intern project to develop a Python – Django Framework Web application on a mobile device using the Systems Engineering Lifecycle.

2012-2015

### UNITED STATES ARMY

FORT BLISS, TX

#### 19K M1 Armor Crewman, Enlisted Solider/CPL Gunner

Led, supervised, and served as a member of M1 Armor unit in offensive and defensive combat operations and supported the staffing, training, and scheduling of solider development programs for the battalion.

- Volunteered as the President of Better Opportunities for Single Soldiers to improve the morale and welfare of 500+ soldiers through implementation of engagement events and programing.
- Led three soldiers in the unit including basic needs, payroll, combat readiness and training of day-to-day operations.
- Acted as Gunner and Tank Commander with ultimate responsibility for \$6.2M in equipment.

2011-2012

### MOTIF Inc.

HEREDIA, COSTA RICA

#### IT Helpdesk Technician Level II

Provided IT support for CareerBuilder.com to resolved 70+ employee software applications and hardware issues weekly.

- Authored 45+ knowledge based articles for CareerBuilder.com's IT department.
- Reduced ticket solving time by 50% during peak hours.

2009-2011

### AMAZON

HEREDIA, COSTA RICA

#### IT Helpdesk Technician

Implemented 100+ hardware and software IT solutions and reported more than 15 bugs via the ticketing system.

## Education

2023

### CORNELL UNIVERSITY

ITHACA, NY

#### Master of Engineering in Systems Engineering

- Software Engineering Lead for Lockheed Martin's RMS Technical Development Curriculum

2019

### UNIVERSITY OF FLORIDA

GAINESVILLE, FL

#### Bachelor of Science, Computer Science (GPA: 3.32)

- Vice President, University of Florida Collegiate Veterans Society
- Developed a 24-bit Image Editor and learned artificial intelligence programming and predicting behavior for an AI program

### Additional Data

#### Software

Java, C++, OOP, Python, JavaScript, SQL, Angular, React, Data Structures, Git, Agile, Scrum, NodeJS, Django, NoSQL, MEAN Stack, Tableau, SSIS, SSRS, T-SQL, C#

#### IT

Risk Management, Process Improvement, Project Management, Customer Service, SharePoint, MS Office, Scheduling

#### Awards & Certifications

Lockheed Martin SOAR, Lean Six Sigma White Belt, Army Achievement Medal, Good Conduct Medal, General George S. Patton Jr. Award (1 of 600 soldiers), Excellence in Armor Award (10 of 1,200 soldiers), Global War on Terrorism Ribbon

#### Volunteering

Mentor to six transitioning service members as part of the Vetrati Mentoring Network

#### Clearance

Secret Security Clearance

#### Languages

Fluent in English and Spanish