**Abraham Andres Mesa**

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**Email**: abemesa@gmail.com **Cell**: 305.929.3816 **GitHub**: github.com/maxLeet

**Summary**

Highly skilled Engineer seeking an opportunity in System Administration and Cyber Security. Experienced in U.S. miliary software operations and DoD standardizations. Agile developer with the ability to analyze, test, and evaluate systems for mission capabilities. Exceptional ability to excel in fast-paced, high demand settings, underscored by strong self-initiative. Possesses active security clearance.

**Professional Experience**

US Air Force **Homestead, FL**

**Reservist - Avionics Technician** Jun. ‘16 - Jun. ‘23

* Loaded and Tested classified software on avionics systems and identified features through operational inspections.
* Modeled and trained newcomers on standardization and subsystem theory.
* Maintained fleet of 28 aircraft with up-time and mission capability rates above 80%, by ordering parts, repairing line units, and facilitating maintenance when due.
* Attained a 100 % success rate in troubleshooting and resolved avionic systems during launches.
* Held Subject Matter Expert on crash survival recovery missions’ data as the Lead Avionics technician, displaying exemplary leadership in critical situations along with collaborating with authorized personnel.
* Mentor newcomers on performing safety procedures while on flightline and designed newcomers experience by creating documented guidelines for 1st week processing.
* Assisted tooling personnel with equipment identification and calibration, identified repairable cables and created replacement kit.

Local Staffing LLC. **Miami, FL**

**Software Engineer** Oct. ‘21 - Jun. ‘23

* Planned, developed, and implemented codebase testing by creating continual integration features with PHP and Python scripting.
* Built global relationships by leading technical documentation of in-house SaaS products.
* Determined root cause of application timeout and data mismatching through OSI model procedures and provide testing procedure for future development.
* Built Ads Insight Aggregator using FacebookAPI, BingAPi, TictokAPI, GoogleAPI to delivered real-time metrics and $50k Ad revenue across all social platforms.
* Created traffic share features which allowing for additional $30k of revenue per month.
* Built user traffic summary which forecasted trends for financial reporting resulting in $15k in leverage.
* Developed statistical analyzer and enriched data for machine learning.

DSA Inc. **Aberdeen, MD Software Engineer** Jun. ‘19 - Apr. ‘21

* Scaled infrastructure by identifying application loads with Java Utilities and Python Scripting.
* Troubleshoot Application threshold with the use of Apache configurations.
* Lead DevOps through Jenkins and GitLab content delivery, pipelining, and codebase deployment.
* Integrated Puppet environment by testing environments with dynamic control variables.
* Improved Elasticsearch querying system and function score query to increase search matches.
* Develops cyber indicators to maintain awareness of the status of the highly dynamic operating environment using Splunk.

Amadeus IT Group - Global Operations Support **Doral, FL Software Engineer** Jul. ‘15 - Jan. ‘16

* Debugged customer facing issues in real-time ensuring 5mins customer SLA.
* Created Application refresh utility ensuring High Available of Application Processing Engine.
* Lead team in database switching during failures without any impact to infrastructure or customer.
* Supported Application manager by performing debug traces on integrated C++ applications. ● Supported global infrastructure consisting of C++ open backends, relationship database, network storage systems, and messaging systems.
* Utilized Bash and Python scripting for text manipulation of records and error detection of malformed records.

Florida International University **Tamiami, FL**

**Software Engineer** Jul. ‘13 - Sept. ‘14

* Managed, updated, and secured infrastructure with STIGS and configuration maintaining.
* Developed features to manage and update course content, and faculty changes with PHP.
* Improved Course Evaluation by developing Python application that delivered faculty reports.
* Analyzed network infrastructure thresholds to identify interface speeds for upgrades and bottlenecks with SNMP scripting.

WorldNet Media **Miami Beach, FL**

**Software Engineer** Aug. ‘11 - Jun. 13

* Maintained development and testing infrastructures and configurations.
* Created user content features increasing user engagement by 30% throughout platform.
* Developed Python utilities for maintaining ultra-high-definition content.
* Maintained IT Support ticketing system and kept a less than 5 percent request volume.

Miami-Dade College **Miami, FL**

**System Administrator** Sept ‘09 – Sept ‘11

* Administrator Linux configuration and created C applications to automate student grading. ● Developed Gradebook and automated student feedback reporting using Bash scripting. ● Collaborated with faculty and departments for network issues across multiple campus’ ● Developed Java application to test application run times for grading and efficiency.

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| Relentless Computer Solutions | **Miami, FL** |
| **Software Technician** | Sept ‘07 – Aug ‘09 |

* Administered WANs, LANs, and VLANs Networks through pfsense, MS SBS, and Linux Binds.
* Maintained Point of Sale NCR and Radiant customers which included software installations, troubleshooting, configuration management.
* Created database queries and variables as per customer request.

**Education**

**Associate degree, Computer Science, 2010**

Miami Dade College, Miami, FL

**Bachelor’s degree candidate, Cyber Security, 2025**

SANS Technology Institute

# SKILLS

* Software and hardware problem-solving
* Leadership and mentorship
* High-pressure project management
* Collaboration and team coordination
* Software design and development
* Scripting and data analysis
* Cybersecurity with cyber hygiene of classified information

# CERTIFICATIONS & LICENSES

* CompTIA Security+
* Linux Foundation Systems Administrator • F-16 Integrated Avionic Systems; CCAF.
* F-15/A-10/U-2 Avionics Instrument & Flight Controls; CCAF.

# LANGUAGE SKILLS

• Intermediate in Spanish

**Managerial / Supervisory References** DSA Inc.

Aberdeen, Maryland

Phillip Dorrell

Development Manager

**Furnished Upon Request**

Local Staffing LLC

Miami, Florida

Joshua Martinez

System Architect

**Furnished Upon Request**

US Air Force

Homestead, Florida

MSgt. Wayne Wooley

Specialist Squadron Commander

**Furnished Upon Request**