



ANTONIO URDANETA

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| aaurdanet.github.io/Portfolio/ | github.com/aaurdanet |

EDUCATION

UNIVERSITY OF CENTRAL FLORIDA

Cum Laude GPA: 3.8

BS Information Technology · Minor Secure Computing and Networks

- Honors: President's & Dean's Honor List
- Societies: GIAC Advisory Board · Society of Hispanic Professional Engineers (SHPE) · Hack UCF · PTK HIS

CERTIFICATIONS

- GIAC GCIH
- AWS Solutions Architect & Cloud Practitioner
- CompTIA Security+ & Network+

PROFESSIONAL EXPERIENCE

FLORIDA POWER & LIGHT

Juno Beach, Florida

Cybersecurity Technology Risk Analyst

August 2025 – Current

- Automated vulnerability scanning workflow with **Python/PowerShell**, cutting time from 7.6 hrs to 3 mins and saving ~\$34K/yr
- Developed an **AI** assistant using **NIST TN 2276** to score phishing emails and generate structured JSON outputs for data analysis
- Sustained low phishing click rates through monthly simulations and user training using custom **HTML/CSS** email templates
- Conducted third-party cyber risk assessments via GRC for critical infrastructure vendors, informing risk decisions and mitigation

NEXTERA ENERGY RESOURCES

Juno Beach, Florida

Cloud / DevOps Engineer

February 2025 – August 2025

- Optimized cloud resources and costs by analyzing usage, decommissioning, and right-sizing, saving ~\$47,000K monthly
- Built and maintained **AWS** infrastructure using **CDK (TypeScript)**, ensuring consistent and scalable cloud deployments
- Created **YAML-based GitHub Actions** workflows to automate **CI/CD AWS** deployments across 5 environments
- Resolved complex performance issues in **AWS** event-driven architectures using best practices, boosting speed and scalability

UNIVERSITY OF CENTRAL FLORIDA

Orlando, Florida

TA Coordinator - Computer Architecture

August 2024 – December 2024

- Created and shared setup instructions for assembly language programming software, supporting 250+ onboarding students
- Led and coordinated team of 4 TAs, sharing key updates and ensuring access to programming resources
- Guided software installation, programming, and debugging, resolving 100% of technical issues efficiently

REAL LIFE

Clermont, Florida

IT Intern

May 2024 – August 2024

- Maintained and configured servers with **RAID 10** setup achieving 40% increase in data retrieval and improving redundancy
- Managed and maintained 80+ **UniFi** network devices via **cloud controller**, ensuring optimal performance and uptime
- Applied **PoLP** for user account management on **AD** and **Google Admin**, ensuring structured access and permissions

PROJECTS

NBA PLAYERS STATS DATABASE API

Python Backend Developer

- Designed a normalized **PostgreSQL** database for efficient storage of NBA's player stats extracted from raw JSON files
- Created a **Python** script using **Pandas** and **NumPy** to load and clean raw datasets, preventing data duplication
- Implemented **Django RESTful API** endpoints to extract player statistics from the database for front-end applications access

MYSQL THREE-TIER WEB APP

Java OOP Developer

- Engineered a three-tier web app using servlets, **JSP** on **Tomcat**, optimizing **MySQL** data retrieval via **JDBC** for clients
- Developed secure authentication and authorization with role-based access and database credential validation
- Created **CRUD** functionalities in **Java** and optimized databases management with prepared statements and stored procedures

SKILLS

Programming: PowerShell · TypeScript · Python · Java · C++ · C · C# · MySQL · PostgreSQL · Node.js · HTML · CSS · React.js

Technology: AWS CDK · Selenium · Pandas · Flask · Jinja · Django · RESTful API · NumPy · BeautifulSoup · Bootstrap · JSP · GitHub · Git · Android Studio · Linux · VMs · Active Directory · Microsoft Office · Proofpoint

Languages: English – Fluent, Spanish – Native