

# Devon Villalona

689-280-7154 | [villalonadevon@gmail.com](mailto:villalonadevon@gmail.com) | [www.linkedin.com/in/devon-villalona/](https://www.linkedin.com/in/devon-villalona/) | <https://github.com/Devonav>  
Orlando, Florida

## EDUCATION

---

### University of Central Florida

August 2023 – Present

*Bachelor of Science in Computer Science*

*Orlando, FL*

## EXPERIENCE

---

### Patriot Launching Station Enhanced Operator / Maintainer

January 2015 – December 2019

*United States Army, Active Duty*

*Fort Cavazos, TX*

- Operated and maintained the Patriot missile defense system during deployments in Kuwait and Korea, ensuring combat readiness and system efficiency.
- Performed preventive maintenance, diagnostics, and repairs on electronic, hydraulic, and mechanical components.
- Supported deployment, calibration, and operation of missile systems in varied environments under mission-critical conditions.
- Held a U.S. Secret Security Clearance; demonstrated reliability in handling sensitive and classified information.

### Programming Lab Teaching Assistant (Java)

January 2024 – April 2024

*Valencia College*

*Orlando, FL*

- Assisted students with object-oriented programming concepts and Java application development in lab settings.
- Supported project debugging and reinforced core programming principles through hands-on guidance.

## PROJECTS

---

### Predictive Analytics Dashboard | *Python, Streamlit, Scikit-learn, Pandas, Matplotlib*

- Developed an interactive dashboard to forecast retail sales using a Random Forest Regressor and historical data.
- Enabled dynamic user input for custom predictions and auto-generated feature importance visualizations.
- Improved inventory decision-making by providing data-driven sales trend insights.

### Blinking Eyes on ESP32-S3 T-Display | *C++, Arduino, TFT\_eSPI, Adafruit ST7789*

- Built an animated eye-blinking system on the LILYGO ESP32-S3, featuring adjustable spacing, blink speed, and pupil tracking.
- Added mood-based color shifts and optional tracking mode controlled via serial input.
- Maintained cross-library compatibility with both TFT\_eSPI and Adafruit ST7789 drivers.

## TECHNICAL SKILLS

---

**Languages:** JavaScript, Java, C, C++, Rust, Python, SQL (Postgres, MySQL), HTML5/CSS3

**Frameworks:** React, Rocket, Spring Boot, Ruby on Rails, Node, Express, Bootstrap, Material-UI, Tailwind CSS, Jest, RSpec, Locust (Python load testing framework)

**Developer Tools:** Git, Docker, Postman, AWS EC2, Visual Studio Code, Linux CLI