

# Michael Iazzetti

Central Florida

[miiazz.xyz](http://miiazz.xyz) • [linkedin.com/in/michael-iazzetti](https://www.linkedin.com/in/michael-iazzetti) • [github.com/miiazz](https://github.com/miiazz)

## Summary

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BSET (ABET-accredited) candidate with hands-on experience in mechanical prototyping, embedded systems, and Linux-based development. Experienced in operational environments supporting system integration, workflow modernization, and cross-department coordination. Passionate about building practical hardware and software systems that bridge engineering and real-world deployment.

## Education

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**Daytona State College - Bachelor of Science Engineering Technology - ABET Accredited** Expected May 2026

- GPA: 3.67 – President's List (Fall '24 & '25, Spring '24 & '25, Summer '25)
- Interdisciplinary engineering program focused on analyzing, designing, and integrating systems.
- Relevant Courses: Calculus I & II · Programming for Engineers · Project Management & Senior Design · Statics · Dynamics · Strength of Materials · Quality Assurance · Energy Systems · Metrology

**Daytona State College - Certificate in Cybersecurity & Cyberforensics - NSA CAE-CD** May 2025 - Present

- A hands-on program emphasizing applied security practices, digital forensics, and Linux system administration.
- Relevant Courses: Linux Administration · Applied Cybersecurity · Advanced Computational Analysis · Security Methods & Practices · Network Forensics and Incident Response

## Experience

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**Warranty & Operations Administrator**, Aloha Marine - Holly Hill, FL Mar. 2024 - Present

- Led operational modernization initiatives, including vendor coordination, document digitization, logistics planning, and workflow redesign for multi-department projects with budgets up to \$30K.
- Standardized internal workflows and information handoffs between the sales, service, and rigging departments, reducing delays and rework while eliminating a backlog that had 33% of rigging repair orders unaccounted for.
- Served as on-site IT liaison troubleshooting hardware, network, and software issues and coordinating escalations with external IT partners.

**Parts Department Associate / Counter Person**, Aloha Marine - Holly Hill, FL Oct. 2015 - Feb. 2024

- Interpreted technical schematics (EPCs) to help troubleshoot system-level issues and specify correct components.
- Assisted with data and record migration during corporate acquisition, ensuring continuity and system accuracy.

## Skills / Tools

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**Engineering & Fabrication:** Onshape, SolidWorks, 3D Printing, Soldering, MATLAB

**Embedded Systems:** Raspberry Pi, ESP32, Linux (Arch/Debian/Fedora)

**IT & Infrastructure:** Virtualization (VMware, Virt-Manager), Nextcloud (self-hosted), Hardware & Network Support

**Scripting & Programming:** Python, Bash, Microcontroller C/C++, Java, HTML/CSS

## Projects

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**PLA - Pigeon**

[miiazz.xyz/portfolio/pla-pigeon](http://miiazz.xyz/portfolio/pla-pigeon)

- Designed, prototyped, and tested a shatter-resistant airborne target, iterating geometry and material selection (PLA+) to improve flight stability and impact resistance.
- Onshape · 3D Printing (PLA+) · Material & Flight Analysis · Iterative Design.

**Media Display Controller**

[github.com/Miiazz/MDC](https://github.com/Miiazz/MDC)

- Designed, developed, and deployed a Linux-based media controller for downloading and looping manufacturer promotional videos.
- Linux (Debian) · Bash · CAD (OnShape) · 3D Printing (PETG) · Enclosure Design · Git

## Certifications

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**OSHA 10hr General Industry Certification**