

# Mariapaula D. Macedo

786-424-2308 | mpdmacedo@gmail.com | [LinkedIn](#) | [Portfolio](#)

## EDUCATION

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### Florida International University

Miami, FL

Bachelor of Science in Computer Science, 3.6/4.0 GPA

Graduation Date – May 2024

- Relevant Coursework: Data Structures, Computer Architecture, Operating Systems, Software Engineering 1 & 2, Java Programming 1 & 2, Database Management, Artificial Intelligence, Mobile Development, Human Computer Interaction.
- Organizations: Women in Computer Science (WiCS), Society of Women Engineers (SWE).
- Awards/Distinctions: Outstanding Student of Service Award (2024), Grace Hopper Scholar (2023, 2024).

### George T. Baker Aviation

Miami, FL

Aircraft Mechanic

May 2016

- Organizations: Technology Student Association (TSA), National Technical Honor Society (NTHS).
- Awards/Distinctions: Placed 2nd for TSA state competition in 3D Design.

## WORK EXPERIENCE

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### Women in Computer Science (WiCS) at Florida International University

May 2022 - May 2024

President | May 2023 - May 2024

- Led 15 core team members, achieving an overall 3x increase in events compared to the previous year.
- Increased student membership by 207.2% in one semester by developing a market analysis roadmap focused on growth.
- Forged partnerships with big tech companies such as Adobe, NVIDIA, Google, Meta, GitHub, Netflix, Deloitte, Dell, Capital One, and an additional 10+ companies. Resulting in a 70% increase in funding.
- Established the program management system by deploying Agile and Scrum principles to track the core team progress.
- Co-founder of WiTCON (Women in Tech Conference). Hosted the 2nd year with over 500+ attendees from various institutions—a 197% increase from last year. 10+ partnered companies. 180% increase in workshop attendance.

Treasurer | May 2022 - April 2023

- Managed 10+ sponsor accounts, collected \$25,000+ for WiTCON, and controlled expenses to fund the event.
- Collaborated weekly with design, marketing, and logistics teams to develop and refine a comprehensive business strategy.
- Directed financial decisions, managed fund distribution, and budgeted for marketing materials.

### Program Manager Intern at UKG

May 2023 - December 2023

- Attended daily stand-ups with product, design, and engineering teams to discuss project priorities and address customer needs.
- Performed QA evaluations and compliance checks on finished features to ensure implementation of all changes.
- Issued and managed 20+ user stories, created sprint deadlines, and monitored 100% completion of stories.
- Focused on meeting Web Content Accessibility Guidelines (WCAG) and best practices on cross platform products for Accessibility. Created and revised internal accessibility documentation for 50+ product elements/components.

### Teaching Assistant for Programming I at Florida International University

January 2023 - May 2023

- Led weekly lectures for 60+ students teaching foundational concepts such as class utilization, object manipulation, conditional functions, and loop structures. Hosted virtual Q&A sessions for students to enhance understanding of topics.
- Conducted office hours to provide coding feedback and guidance, aiding students to improve their problem-solving skills.

### Program Manager at National Molding LLC

January 2021 - November 2022

- Directed production scheduling and material procurement, overseeing manufacturing for 3,000+ plastic injected products.
- Achieved a 68% improvement in labor and production efficiency as demonstrated by Key Performance Indicators (KPIs).
- Supervised and directed two secondary operation teams and managed accounts with over \$150,000 in revenue per month.

### Manufacturing Engineer, Program Manager at Mark Two Engineering

December 2016 - October 2020

- Assistant to the VP of Manufacturing and VP of Quality, also prepared and led audits to maintain ISO certifications.
- Coded an automated tool for collecting real-time data of production, to track deliverables and forecast due dates.
- Utilized SolidWorks to create 3D models of devices used in production, to improve the product development process.
- Led the development of a new product, 'Ink Banding,' as PM overseeing testing, documentation, and implementation.

## TECHNICAL SKILLS

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**Languages/Skills:** Java, Python, JavaScript, TypeScript, React, Swift, HTML, CSS, Node.js, SQL, Debugging, 3D modeling.

**Tools:** Git, Github, Jupyter Notebook, VS Code, PyCharm, IntelliJ, Google Colab, Firebase, Jira, Figma, SolidWorks.