Mariapaula D. Macedo

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EDUCATION

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.
- Awards/Distinctions: Outstanding Student of Service Award (2024), Grace Hopper Scholar (2023, 2024).

WORK EXPERIENCE

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 companies including Google, Meta, and 15 others. Resulting in a 70% increase in funding.
- Co-founder of WiTCON (Women in Tech Conference). Over 500+ attendees—a 197% increase from last year.

Treasurer │ May 2022 - April 2023
- Managed 10+ sponsor accounts, collected $25,000+ for WiTCON, and controlled expenses to fund the event.
- Directed financial decisions, managed fund distribution, budgeted for marketing materials, and created our business strategy.

Software Engineering Intern at UKG   May 2023 - December 2023
- 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.

PROJECTS

Chattie Mood Journal iOS Mobile App   May 2023 - August 2023
- Created an iOS Journaling App for mood tracking allowing users to record voice memos, text, and image recordings.
- Interface included an intuitive calendar view for accessing historical data.
- Tech Stack: Swift, Firebase, and Figma for UI design and asset creation.

NBA Stat App   January 2023 - May 2023
- Developed an NBA Stat web app that compares team and player statistics, game records, and analyzes season performance data.
- Tech Stack: Python and Streamlit integrating a real-time data API.

RESTful API Bookstore   August 2022 - December 2022
- Developed a bookstore that had a comprehensive collection of books with author information, price, and ratings.
- Users could make accounts, add the book to their wishlist, rate and comment on a selected book from the database.
- Tech Stack: Java, Spring Boot, and MySQL.

TECHNICAL SKILLS

Languages/Skills: Java, Python, JavaScript, TypeScript, React, Swift, HTML, CSS, Node.js, MySQL, Debugging, 3D modeling.
Tools: Git, Github, Jupyter Notebook, VS Code, PyCharm, IntelliJ, Google Colab, Firebase, Jira, Figma, SolidWorks.