Anthony Magdaleno

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EDUCATION

Florida International University | Miami, FL — **May 2025**
Bachelor of Arts in Computer Science — **GPA: 3.86**
Relevant Courses: Programming II, Data Structures, Algorithm Techniques, Computer Architecture, Systems Programming, Software Engineering II, Artificial Intelligence, Cloud Computing Fundamentals
Affiliations: Upsilon Pi Epsilon, INIT, Google Developers Student Club, Start-Up FIU, CodePath

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, HTML, CSS, JavaScript, React
Tools: DynamoDB, S3, GitHub, Git, Google Cloud Storage, Firebase

EXPERIENCE

HeadStarter AI – Software Engineer Fellow | Virtual — **July 2024 – Current**

Amazon – Software Development Engineer Intern | Austin, TX — **June 2024 – Current**
- Engineering a Java-based reporting system for Amazon's Expansion Organization, automating test status compilations to enhance service launches in emerging markets by creating RESTful APIs utilizing AWS DynamoDB and S3, reducing manual tracking by 30% and streamlining data accuracy for TPMs and stakeholders.
- Designing a user-friendly frontend interface and integrated AWS QuickSight for dynamic visual reporting from S3 buckets, aiding PMs and stakeholders in researching operational issues. Cutting down research time by 40% and provided actionable insights through visual data representations, improving decision-making.
- Led software development lifecycle from concept to deployment, involving detailed design sessions, iterative development, and stakeholder meetings, aligned with project deliverables with strategic goals and exceeded stakeholder expectations.

FIU Engineering & Computing Dean's Office - Web Developer | Miami, FL — **May 2023 – January 2024**
- Successfully built 5 new websites on WordPress in collaboration with end-users, resulting in a significant 20% increase in user engagement and overall satisfaction.
- Implemented 15 new features and functionalities for websites utilizing a range of plugins and tools, including Divi, leading to a notable 30% enhancement in user experience.
- Initiated digital transformation of industry relations dataset by developing a custom Power App for process automation and integrating Power BI for data analytics, enhancing operational efficiency and informed decision-making.

PROJECTS

StyleMate Web App | *Python, React*
- Developed a fashion web application using Python, Google Cloud Storage, Firebase, and Google Cloud Vision API, enabling outfit suggestions based on user preferences and personal closet items.
- Leveraged React to build a user-friendly frontend interface to display outfit recommendations generated through Python-based algorithms, enhancing user engagement and style choices.

ShellHacks Earny Web App | *Python, Flask*
- Engineered a Flask web app during 36-hour ShellHacks hackathon, implementing RESTful APIs for seamless user interactions and dynamic responses, leveraging Python, Flask, and OpenAI GPT-3.5 Turbo API.
- Established secure cross-origin communication for handling API requests, preventing vulnerabilities with CORS integration, and designed role-based conversational flows for user engagement to offer financial advice to minorities.

COMPETITIONS

Hult Prize Competition | Technical Lead — **March 2023 – June 2023**
- Invited to compete in prestigious Hult Prize Semi-Finals summit in Rio De Janeiro, Brazil.
- Founded a Tech Start-Up idea called StyleMate, an AI-powered app promoting sustainable fashion and helps users make more intentional and eco-friendly clothing choices and provide better trend forecasting for manufactures.