ALEXANDER VALLEJOS

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PROFESSIONAL SUMMARY

I am a Computer Science student at UCF graduating December 2026. In my AI Analyst internship last summer I developed automation workflows with Microsoft Copilot Studio and Azure AI and integrated data pipelines with Azure SQL. I've built personal full stack projects using React, HTML, and TailWindCSS and proficient in Java. I am seeking a Summer 2026 Software Engineer Internship, bringing passion for solving problems with data and tech along with a willingness to adapt to changing environments!

WORK EXPERIENCE

Computer Science Intern   January 2026 – Present
Wedding Salon   Orlando, FL
- Developing and designing SEO targeted landing pages for planner searches to increase qualified leads from regular searches online
- Document and test the strengths and weaknesses across the website to guide redesign priorities and higher up decisions

AI Analyst Intern   June 2025 – August 2025
Foundation Partners Group   Winter Park, FL
- Developed AI powered chat agents for internal use, using Microsoft Copilot Studio and Azure AI services and reduced time spent answering questions being repeatedly asked internally
- Optimized the copilot chat topics and routing logic to improve the employee support experience and increase accuracy of answers
- Designed interactive Power BI dashboards by integrating Dataverse and Azure SQL to give internal leaders more efficient access to business insights

PROJECT EXPERIENCE

Mind Frame (2D Turn Based RPG), AI Game Development course   January 2025 – April 2025
- Built core gameplay mechanics in Unity using C# by implementing player interactions and triggers within each level.
- Tuned enemy AI difficulty by adjusting detection thresholds and enemy decision making to improve story pacing and reduce the game being overly difficult
- Managed team collaboration and source control with Git to keep changes trackable and reduce issues of overlapping code

UCF Esports Team Website, Software development course   September 2024 – December 2024
- Built React and TypeScript UI components for rosters and stream links to improve user experience
- Designed MongoDB collections for players, teams and game matches to maintain organized data
- Designed & tested Restful API using SwaggerHub and Postman, smooth frontend backend integration

EDUCATION

Bachelor of Science in Computer Science   **December 2026**
University of Central Florida   Orlando, FL
- **Relevant Coursework:** Processes in Object Oriented Software Development, Machine Learning Algorithms, Discrete Computational Structure, Problem Solving Techniques and Team Dynamic

SKILLS

- **Programming Languages**: Java, Python, C++, JavaScript, C#, SQL, HTML/CSS, Typescript
- **Software/Frameworks**: React, Spring Boot, Node.js, MongoDB, Git, Docker, Jira, Microsoft Azure
- **Operating Systems**: Windows, iOS, Linux, MacOS

LEADERSHIP/ ON-CAMPUS INVOLVEMENT/ VOLUNTEER

- Volunteer, People Power for Florida   January 2026
- Equipando Padres Director, UCF Society of Hispanic Professional Engineers   September 2024