

Alan Oliver Santiesteban

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EDUCATION

Georgia Institute of Technology, Atlanta, Ga
Master of Computer Science, *Interactive Intelligence*

Jan 2024 – Jan 2026

- GPA (Out of 4.0): TBD

Georgia Gwinnett College, Lawrenceville, Ga
Bachelor of Science, *Software Engineering* with a minor in *Business Administration*

August 2020 – July 2023

- GPA (Out of 4.0): 3.61

WORK EXPERIENCE

Gen-AI TMO Analyst, Deloitte

Sep 2023 – Present

- Advanced Vendor Management Operations operations with real time analysis capabilities. Enhancing contract review and document comparison through a chat-bot interface, which streamlined the analysis of contracts and PO/master agreements. This system reduces manual workforce requirements by 50%, and increases document review efficiency by 93%
- Achieved a Machine Learning-Driven Forecasting system for the finance team. Implementing a process that enhances user interaction with financial forecasts. This system reduces manual errors by 40% and accelerates forecasting process by 50%
- led front-end development using HTML & CSS, conducted annual cookie compliance reviews for web portals, successfully migrated all settings from web.config to database configurations, and updated the DownloadFile API endpoint, enhancing system efficiency and compliance standards.

Technology Intern, TIAA

Jun 2023 – Aug 2023

- Served in a dual-capacity as a project manager and engineer, leading the development of an executive dashboard and coordinating cross-departmental data efforts with platforms like Workday and Jira.
- Championed a company hackathon, taking the helm as both tech lead and project manager, resulting in the creation of an AI chatbot focused on financial retirement education using LangChain on AWS and OpenAI Azure.
- Executed full-stack development for the chatbot integration, utilizing Python, Flask, and React to ensure seamless backend-to-frontend communication and a user-friendly experience.

Junior Field Service Engineer Intern, Actemium

Nov 2021 – April 2022

- Oversaw 100+ Virtual Machines (VMs), recording their functionality in a database and crafting an Excel-based database to identify software, resulting in a 20% cost reduction through enhanced operational efficiency.
- Conducted research on three industrial printers, providing recommendations and ensuring accessibility across two buildings and four departments. Supported project deliverables, creating comprehensive status reports and uploading weekly meeting minutes for managerial use.

Technology Ambassador Program Intern, Georgia Gwinnett College

Jan 2022 – May 2022

- Led a 4-member team in conceptualizing and developing a VR game using C# and Unity, aimed at addressing regular learning challenges and teaching programming fundamentals.
- Steered project management, establishing clear goals, responsibilities, and coordinating timelines, meetings, and presentations. Promoted VR education, facilitating and presenting six workshops to program stakeholders on the benefits of VR-based learning.

Crew Leader, Up the Garden Path

Jan 2016 – Jan 2019

- Acted as the main point of contact for clients and developed relationships through consistent communications and ensured work was exceeding customer expectations.

LEADERSHIP EXPERIENCE

External Vice President, SHPE GA Professional

June 2024 – Present

- Directed board recruitment and strategy, interviewing for key positions and working closely with a seven-member board to set the organization's direction, with emphasis on short and long-term goals.
- Pioneered funding by negotiating and securing 15k in funds by reaching out to 20 companies, substantially boosting the organization's financial resources to support ongoing and future initiatives.
- Spearheaded community Impact initiatives by organizing a volunteer event with the Latin American Association mobilizing 10 members to engage with children, assist parents in selecting educational books and guide families.

Operations Manager, ALPFA Atlanta Professional

March 2024 – Present

- Spearheaded operations, establishing and managing communication across all committees. Successfully planned and execute major events boosting membership. Contributing to the strategic growth and operational efficiency of the chapter

SKILLS & CERTIFICATIONS

- Programming Languages: Java, JavaScript, Python, PLC, C#, HTML, SQL, Node Js, MERN, PHP,
- Software: Siemens Portal, TIA, AB, Microsoft Office, PrusaSlicer, Unity, Git, Github, MySQL, Visual Paradigm, MongoDB, Android Studio, AWS, langchain, openAI
- Hardware: Server assembly, computer assembly, drives, motors, relays, panels, wiring, VR, Mobile Development
- Certifications: MTA – Security and Networking fundamentals | AWS – Cloud Practitioner