IVAN SALDARRIAGA

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EDUCATION

Bachelor of Science in Computer Science (DAS), University of Florida, Gainesville, Florida   05/2025
GPA: 4.0/4.0

Relevant Coursework Data Structures and Algorithms, Software Engineering, Discrete Structures, Comp. Org, Operating Systems, Computer Modeling and Animation

WORK EXPERIENCE

Merchandiser, *Universal Studios,* Orlando, Florida   06/2022 – 09/2022
- Collaborated with cross-functional teams to create visually appealing merchandise displays to drive sales
- Provided and maintained exceptional guest experience contributing to a memorable stay for visitors
- Managed merchandise inventory and ensured timely restocking of popular items for the guest's satisfaction

INVOLVEMENT AND OUTREACH

TPED Swamp Haunters, *Technical Director*   08/2022 – Present
- Facilitated and organized a team of technicians to design immersive effects elevating guest experience
- Collaborated with the creative team to develop and execute to ensure the vision aligned with the overall theme
- Innovated and integrated new equipment for animatronics, lighting effects to captivate our over 500 guests

SwampCon, *Exhibits Chair*   08/2021 – 08/2023
- Sustained faculty and vendor relations, oversaw vendor organization for the university-wide event
- Communicated with UF's department of signature events to arrange permits and funding
- Welcomed and liaised guest-vendor interactions for over 4,000 attendees

TPED Ride Design Team, *Member*   08/2021 – 01/2023
- Developed logic trees for ride restraint functions for a small scale flat ride
- Designed and planned out the storyboards and theming for a trackless darkride system
- Presented and communicated with technical team to strategize design with the given technical limitations

PROJECTS

Sprouts, *Frontend Developer | Angular, HTML, CSS*
- Worked with a team of 4 developers to design and create a small business sharing platform

Hangman Helper, *C++, SFML Library*
- Gamified sorting algorithms to suggest most likely word for a game of hangman in a group project

Simplified Page Rank, *C++*
- Programmed a page rank algorithm using linked lists

Minesweeper, *C++, SFML Library*
- Created a minesweeper clone using recursive algorithms and SFML library

SKILLS AND PROFICIENCIES
- Technical Skills: C++, Java, Angular, React, HTML, CSS, Git, Matlab, and Assembly
- Microsoft Visual Studio, JetBrains, Blender, and Matlab