Angel Lopez Pol

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EDUCATION
Bachelor of Science in Aerospace Eng. w/ minor in Comp Sci, GPA: 3.89 – Graduation: May 2024
University of Florida – Gainesville, FL
Dual Enrollment Credit: GPA: 4.0, 21 credit hours.
Valencia College – Orlando, FL

SKILLS
IT: VMs, Windows/MacOS, Hardware, Software Troubleshooting
Other Software: Microsoft Office Series, Git, GitHub, PDM, IDE's,
Affinity/Adobe Series.
Interpersonal: Customer Service, Collaboration, Emotional Intelligence,
Cross-cultural communication
Programming: C, C++, Java, JavaScript, TypeScript, Python, React
Industry: Scrum, Agile, Test-Driven Development

CLASSES
Programming Fundamentals 2 (COP3503)   **Spring 2021**
- Mastered pointer utilization and dynamic memory management
- Built practical programmatical implementations of learned concepts

Data Structures and Algorithms (COP 3530)   **Fall 2022**
- Solved complex engineering problems through careful selection of data structures
- Created and implemented a variety of data structures
- Formulated efficient solutions for problems through careful consideration of algorithmic complexity

Intro to Software Engineering (CEN3031)   **Spring 2022**
- Employed Agile Work Methodology in a team of 4 developers
- Engaged in software development and validation through Test-Driven Development

PROJECTS
Minesweeper Replica- COP3503 Project
- Created a replica of the classic Minesweeper game using C++ and SFML

Data Structure Implementations – AVL Tree and Unordered Map COP3530
- Created an Unordered Map that utilizes separate chaining through nested doubly linked lists
- Implemented an AVL Tree Template Class in C++ with nodes to store data.

TweetTeam Degrees of Separation Finder C++ - COP3530 Project
- Developed a Degree of Separation Finder between users in a social media graph structure with 456,626 nodes and 14,855,842 edges.
- Implemented Djikstra's Search Algorithm on Edge List and Adjacency List representations of the graph

MeetYourMajor Major Discovery Assessment – CEN3031
- Developing a React-Django-SQLite web-app hosting an academic major discovery assessment.

EXPERIENCES
Supervisor, P.O.D. Market | Gainesville, FL   August 2021 - Present
- Used spreadsheet and accounting software to keep track of daily store revenue
- Worked effectively in a fast-paced team-heavy environment
- Practiced perfect interpersonal communication skills towards clients

Team Member and Lead, Smoothie King| Orlando, FL   January 2021 – July 2021
- Performed Hands-on work in a fast-paced environment
- Managed store and performed administrative functions when needed

Freelance Writer, FIVERR   March 2020 – December 2020
- Wrote essays and articles at the professional level in a timely manner
- Employed advanced language, writing, and critical thinking techniques
- Worked closely with clients, satisfying questions and requests each step along the way