AYDAN ARAUJO

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EDUCATION

University of Florida — B.S. in Computer Science, Minor: Business Admin, Expected Graduation: 2028

Relevant Coursework: Programming Fundamentals, Data Structures (in progress), Discrete Structures, Calculus

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TECHNICAL SKILLS

Languages: Java, C++, Python (working knowledge), JavaScript (basic)

Tools: Git/GitHub, SFML, Microsoft Excel, VS Code, CLion

Concepts: Object-Oriented Programming, Data Structures, Algorithms, File I/O, Debugging, Problem Solving

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PROJECTS

Minesweeper Game — C++ / SFML

• Developed a fully functional Minesweeper game with grid generation, randomized mine placement, recursive tile

• Applied object-oriented design, memory management, and event-driven programming

Sudoku Solver — Python

• Developed a Python-based Sudoku solver using algorithmic backtracking to solve valid Sudoku boards

•Implemented constraint checking, recursion, and board validation to ensure correct and efficient solutions

School of Poker — Personal Project (In Progress)

• Designing a web-based platform to teach poker fundamentals, probability, and decision-making

• Planned tech stack includes HTML, CSS, and JavaScript with future backend expansion

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RELEVANT EXPERIENCE

STEM Teaching Assistant — Summer Plus, Morristown, NJ (Jun 2025 – Aug 2025)

• Assisted in teaching STEM-focused electives including app design, programming, and robotics

• Supported hands-on projects emphasizing coding logic, debugging, and problem-solving

• Helped students understand foundational computational concepts

Data & Operations Assistant — Express Cargo, NJ (Summer 2021)

• Organized and maintained operational datasets using Microsoft Excel

• Tracked shipments, schedules, and logistical records with high accuracy

• Improved efficiency through structured spreadsheets and consistent data management