Jaedon Taylor

305-904-5295 | jaedon.taylor@ufl.edu | linkedin.com/in/jaedon-taylor | github.com/jtaylor205 | jaedonataylor.com

EDUCATION

University of Florida, College of Engineering   Gainesville, FL
Bachelor of Science in Computer Science, Minor in Economics, GPA: 3.96   Aug. 2022 - May 2026
Relevant Courses: Data Structures and Algorithms, Operating Systems, Advanced Programming Fundamentals

EXPERIENCE

Assistant Software Project Manager   Aug. 2023 – Present
Baron Technologies   *North Miami, FL*
- Led coding efforts and project management tasks, facilitating cross-team collaboration to deliver high-quality software solutions.
- Coded and maintained critical parts of billing software and website features using PHP, Laravel, and SQL queries.
- Managed the planning, execution, and delivery of software projects, ensuring they met client requirements and project objectives.

Assistant Campus Leader   Jun. 2022 – Aug. 2024
Camp Mah-Kee-Nac   *Stockbridge, MA*
- Supervised and organized daily activities for 150+ campers aged 14-16, ensuring a safe and engaging environment.
- Worked closely with fellow counselors to plan and execute engaging programs and activities.
- Addressed and resolved conflicts, utilizing critical thinking and quick decision-making skills.

PROJECTS

Mental Wellness App | *React Native, Firebase, Gemini*   Jan. – Apr. 2024
- Developed a full-stack cross-platform mobile application built with React Native
- Integrated a mental wellness coach by utilizing prompt engineering techniques with Google's Gemini API.
- Utilized Firebase for user authentication and cloud storage, improving data security.

File System Daemon | *C++, FUSE*   Apr. – May 2024
- Developed a userspace filesystem daemon using the FUSE API to facilitate reading and writing operations with WAD files.
- Implemented a C++ library designed to parse and handle WAD file headers, descriptors, and lump data.

Stock Market Trading Strategy | *Python, Backtest.py, Matplotlib, Numpy*   May – Jun. 2024
- Analyzed market data using various financial indicators to identify advantageous trading opportunities.
- Implemented algorithms to test and optimize different trading.
- Utilized programming languages such as Python and libraries like Pandas, NumPy, and Backtest.py to handle data analysis, visualization, and strategy execution.

Fridge Management Application | *Swift, SwiftUI*   Nov. 2021 – Feb. 2022
- Implemented features to add and categorize food items in a virtual fridge, allowing users to track their inventory.
- Designed an intuitive interface for creating, editing, and organizing recipes using SwiftUI.
- Built functionality to maintain an up-to-date shopping list, where users can easily add and remove items.
- Utilized Core Data for local storage and CloudKit for seamless synchronization across devices.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, Swift
Frameworks: React, Node.js, SwiftUI
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, MySQL
Libraries: Pandas, NumPy, Laravel, Temporian, Backtest.py