Jaedon Taylor

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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, Algorithm Abstraction and Design

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, Swift
Frameworks: React, React Native, Cloud Firestore, Node.js, SwiftUI
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, MySQL

EXPERIENCE

Software Project Manager — Aug. 2023 – Present
Baron Technologies — *North Miami, FL*

- Coded and maintained critical parts of billing software and website features using **PHP**, **Laravel**, and **SQL** queries.
- Led coding efforts and project management tasks, facilitating cross-team collaboration to deliver high-quality software solutions.
- Worked closely with fellow developers and clients to gather requirements, manage workflows, and ensure the timely delivery of software projects.

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 cross-platform mobile app using **React Native**, providing users with AI-assisted coaching, daily goal tracking, and journaling features to support mental wellness.
- Enabled personalized mental health interactions by integrating Google's **Gemini API**, offering tailored guidance and support.
- Enhanced user data security by implementing **Firebase** for authentication and cloud storage, ensuring safe and seamless access.

File System Daemon | *C++, FUSE* — Apr. – May 2024

- Developed a user-space daemon using **FUSE** in **C++**, enabling file searching, permission management, and metadata tracking within the mounted filesystem.
- Designed a hierarchical file system structure with a vector of maps data structure, optimizing storage and retrieval of files and directories.
- Enhanced filesystem functionality and user experience by implementing comprehensive file management features and ensuring efficient directory access.

Stock Market Trading Strategy | *Python, Backtest.py, Matplotlib, Numpy* — May – Jun. 2024

- Analyzed market data using various financial indicators to identify advantageous trading opportunities, improving decision-making and profitability.
- Implemented and optimized algorithms to test trading strategies, improving performance and strategy accuracy using backtesting.
- Utilized **Python**, **Pandas**, **NumPy**, and **Backtest.py** to perform data analysis and execute trading strategies, achieving a simulated **1000% return** over a decade through backtesting and refinement.