

# Jaedon Taylor

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## EDUCATION

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### University of Florida, College of Engineering

Gainesville, FL

Bachelor of Science in Computer Science, Minor in economics, GPA: 3.96

Gainesville, FL

**Relevant Courses:** Data Structures and Algorithms, Operating Systems, Advanced Programming Fundamentals

## EXPERIENCE

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### Assistant 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.
- Conceived feature ideas, and managed their implementation through workflow management in Jira.
- Developed and maintained open communication channels among team members through weekly meetings.

### Assistant Campus Leader

June 2022 – Present

*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

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### Mental Wellness App | *React Native, Firebase, Gemini*

Jan. – April 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*

April – 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 – June 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*

November 2021 – February 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

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**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