

# Hayton Mui

407-766-6688 | [haytonmui@gmail.com](mailto:haytonmui@gmail.com) | <https://www.linkedin.com/in/hayton-mui-668005208/>

## EDUCATION

### University of Central Florida

*Bachelor of Science in Information Technology*

Orlando, FL

*June 2020 – Dec 2025*

## EXPERIENCE

### Unleashed Core

July 2025 – Present

*Data Engineering Intern*

*Orlando, FL*

- Developed comprehensive RESTful API infrastructure using Next.js App Router with endpoints featuring server-side pagination, multi-field filtering, and optimized database queries that reduced response times to under 100ms
- Designed complex Supabase/PostgreSQL operations including cross-table joins, Row-Level Security policies, and automated applicant-to-student processing workflows with data integrity
- Built high-performance data fetching architecture with custom React hooks, caching strategies, and performance monitoring for real-time search across 1,000+ records
- Implemented secure authentication infrastructure integrating Supabase Auth with Azure AD, featuring middleware-based session management and role-based access controls for enterprise-grade security
- Developed scalable data processing APIs handling complex business logic including duplicate detection, status workflow automation, and batch transformations

### PY Metal

April 2023 – Oct. 2024

*Office Assistant*

*Orlando, FL*

- Provided Tier-1 technical support for staff, including device setup, printer troubleshooting, and software updates
- Helped improve the efficiency of office operations by identifying outdated filing systems and suggesting more organized alternatives
- Maintained and regularly updated Excel spreadsheets used for inventory tracking, vendor coordination, and purchase order processing
- Used Excel for internal reporting tasks such as inventory tracking and purchase order analysis

## PROJECTS

### SQL Client GUI Application | *Java, MySQL, Swing, JDBC*

Feb. 2025 – April 2025

- Developed a Java-based SQL Client desktop application that allows users to connect to and interact with a MySQL database through a user-friendly graphical interface
- Implemented secure login and authentication using hashed credentials and role-based access control (root, data-entry, client, and accountant roles) to restrict access to SQL commands based on user privileges
- Used Swing for building the GUI with panels for SQL input, result display, and execution history. Integrated JDBC for handling all database connectivity and query execution logic, including prepared statements for added security
- Added features for real-time query execution, dynamic result table rendering, custom error messages, and transaction handling for updates and inserts

### Calendar Tracker | *Python, MySQL, FastAPI, React*

May 2024 – Aug. 2024

- Built a personal scheduling and productivity tracker with a focus on structured data storage and retrieval
- Developed functionality to add, modify, and delete time-blocked events, with automatic conflict detection and organization by date and category
- Integrated features for exporting and analyzing usage data to uncover productivity patterns
- Emphasized a data-driven approach to improve scheduling efficiency, laying the groundwork for future integration with SQL-based or cloud databases

## TECHNICAL SKILLS

**Languages:** Java, Python, C, SQL (MySQL), JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Next.js, Flask, FastAPI, JSP, JDBC, Swing

**Developer Tools:** Git, Eclipse, IntelliJ, Supabase, VS Code, MySQL Workbench, Apache Tomcat

**Libraries:** NumPy, Matplotlib