

Colin Henkel

chenkelbusiness@gmail.com • (352) 504-8951 • [linkedin.com/in/colin-henkel](https://www.linkedin.com/in/colin-henkel) • github.com/ColinHenkel

EDUCATION

The University of Central Florida | Orlando, FL

B.S., Computer Science (August 2022 - May 2026) | **Current GPA:** 3.3/4.0

Relevant Coursework: Data Structures, Algorithms and Analysis, Database Systems, Discrete Computational Structures, Processes for Object Oriented Software Development

Awards & Honors: Dean's List (Fall 2022, Fall 2024)

RELEVANT EXPERIENCE

Robotics Programming Mentor @ East Ridge High | Clermont, FL

Spring 2022 - Spring 2023

Programming Team Mentor

- Help teach Object Oriented programming to high school students on my previous robotics team.
- Assist with decision-making, planning, and scheduling for the programming team on ERHS robotics.

TECHNICAL PROJECTS

Fitness Tracker and Workout Manager | School Project

Fall 2024

- Utilized MongoDB GUI, Shell, and Playground to create and manage Users, Exercises, and Workouts.
- Assisted with creation of API and linking API and MongoDB to frontend.
- Updated frontend functions to properly communicate with API.

Personal Contacts Manager | School Project

Fall 2024

- Utilized AWS Bitnami to create a relational MySQL database consisting of Users and Contacts.
- Wrote PHP for DisplayContacts, UpdateContacts, and SearchContacts.

ADDITIONAL EXPERIENCE

KnightHacks@UCF | **UCF Department of Engineering and Computer Science**

January 2025 - Present

Member

- Participate in the Hackathon on a project team.
- Primarily assist with backend development of the chosen project.

SKILLS & CERTIFICATIONS

- **Programming Languages:** C, C#, C++, Java, Kotlin, Python, SQL, PHP, JSON, JS
- **Tools and Technologies:** AWS, Linux, MongoDB, MySQL, MariaDB, ReactJS
- **Database Systems:** Database Administration, Database Creation, Linking Database to Apps