

Hayden Sandler

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EDUCATION

University of Central Florida

Expected December 2025

- Computer Science Major
- **Relevant Coursework:** Competitive Programming, Matrices and Linear Algebra, Machine Learning, Mobile Development, Stats 1 & 2, Enterprise Computing, Process of Object Oriented Programming
- **Extracurriculars:** KnightHacks member

EXPERIENCE

Guest Media

Software Engineering Intern

May 2024 – Present

- Collaborated effectively within a small development team operating under an agile framework, contributing to iterative progress and continuous improvement.
- Designed, developed, and tested new features aimed at enhancing the scalability and performance of products.
- Integrated and displayed critical data for end-users by utilizing a diverse array of APIs.
- Utilized technologies and tools such as Next.js, Github, and SASS to deliver high-quality software solutions.

PROJECTS

Fantasy Lens

<https://github.com/KMcClard/KH23>

Team Project – Project Organizer and Front-End Developer

- Created a web application using React.js that allows users to upload their image and choose a Dungeons and Dragons character
- Using generative AI, the user transforms into the chosen character using DeepAI's API

Scuparadise

https://github.com/POOS-Group29/Large_project

Team Project – Project Manager and Front-End Developer

- Developed a full-stack web application and accompanying mobile app using React for the frontend, Express for the API, and MongoDB for the database
- Implemented user account creation functionality, enabling users to register and log in securely
- Designed and integrated a feature for users to rate and review scuba diving locations
- Utilized a 3D globe interface to allow users to mark and explore scuba diving spots worldwide, with real-time synchronization across all users

Contact Manager

<https://github.com/POOS-Group29/small-project>

Team Project – Project Manager

- Designed and implemented a contact manager application that allows users to create and manage accounts
- The application was initially designed with a Figma mockup and uses a MySQL database hosted on Digital Ocean for data storage
- Developed a custom API using PHP and SwaggerHub to connect the front-end with the database
- The front-end was developed using HTML for markup, along with CSS, Bootstrap, and JavaScript for styling and interactivity

SKILLS

- **Languages:** Java, JavaScript, HTML/CSS/SASS, Python, TypeScript, PHP, C, Kotlin
- **Frameworks:** React, Express, Node, Next, Bootstrap, Tailwind, jQuery
- **Technologies:** MySQL, MongoDB, Firebase, SwaggerHub, Postman, AWS, Github/Git, Figma