

# Daniel Palma

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## EDUCATION

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### University of Central Florida

*B.S. in Computer Science, Minor in Mathematics 3.8/4.0 GPA*

Orlando, FL

*Expected Graduation: 2026*

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript/TypeScript, HTML/CSS

**Frameworks:** React, Node.js, Next.js, Tailwind CSS

**Tools:** Git, Github, Docker, Vercel, Linux, Heroku, LaTeX, Supabase

## EXPERIENCE

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### Developer

August 2022 - Present

*Knight Hacks*

*Orlando, FL*

- Aided in development of yearly Hackathon website and Admin Tool using Next.js
- Integrated Tailwind CSS to create an aesthetically pleasing User Interface.

### Peer Tutor

August 2021 - May 2022

*Cypress Bay High School*

*Weston, FL*

- Aided students in C and Java programming develop a solid understanding of the language.
- Collaborated with other Peer Tutors to hold weekly review sessions.
- Provided students with resources in order to properly identify and solve problems.
- Demonstrated how to implement complex data structures and algorithms into functional programs.

## PROJECTS

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### HXUI | *React, Next.js, Typescript, Tailwind CSS, PostgreSQL, Git, Supabase*

- Developed a full stack interactive dashboard using Next.js and Supabase.
- Modeled PostgreSQL database schemas and policies for data using row level security.
- Handled user authentication and sign up with OAuth providers through Supabase Auth
- Implemented database seeding with TypeScript edge functions
- something about s3 buckets and stuff
- postgres api stuff

### Deal Detector | *Python, Discord.py, BeautifulSoup*

- Utilizes the Requests and BeautifulSoup libraries to monitor online retailers to extract item titles and prices.
- Leverages the discord.py library to connect to Discord's API and send alerts to users through designated channels.
- Enables users to monitor prices in real-time and sends alerts when they meet desired thresholds.

### Pomodoro Timer | *TypeScript, Tailwind CSS, Next.js*

- Created a Next.js single-page Pomodoro timer application for improved productivity and focus.
- Leveraged Next.js to optimize performance and deliver a responsive website, improving loading times and navigation.
- Styled UI components using Tailwind CSS, allowing for consistency and utility-first fundamentals.
- implemented TypeScript for type safety and code quality, ensuring robustness and minimizing errors
- Hosted on Vercel