

Daniel Palma

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EDUCATION

University of Central Florida

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

Orlando, FL

Expected Graduation: 2026

TECHNICAL SKILLS

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

RELEVANT COURSEWORK

Computer Science 1, Object Oriented Programming, Computer Logic and Organization, Discrete Mathematical Structures

EXPERIENCE

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

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
- something about s3 buckets and stuff
- postGres api stuff

Go Project | *go stuff here*

- One Go THing
- Two Go THing
- Third GO Thing

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

ORGANIZATIONS

Knight Hacks | *Member*

- Hack-A-Day 2 Winner: KnightsWallet