

Daniel Palma

Software Engineer

Email: dany@dpalma.dev
Github: github.com/danypalma

EDUCATION

- **University of Central Florida** Orlando, Florida
 - *Bachelor of Science in Computer Science, Minor in Mathematics. 3.8/4.0 GPA* Expected Graduation: 2026
 - *Relevant Coursework: Computer Science 1, Discrete Mathematical Structures, Object Oriented Programming, Statistical Methods*

SKILLS

- **Languages** C, Java, Python, JavaScript, TypeScript, HTML/CSS, LaTeX
- **Frameworks** React, Next.js, Node.js, Tailwind CSS, Discord.py
- **Tools** Git, Github, Docker, Vercel, Netlify
- **Platforms** Linux, MacOS, Windows
- **Languages** Spanish, English

EXPERIENCE

- **Developer** Aug 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** Aug 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

- **Personal Portfolio**
 - *Javascript, React, CSS Modules*
 - Developed a personal portfolio using the React framework.
 - Exercised the use of CSS Modules to create reusable conflict free CSS.
 - Hosting the site on Netlify and managing traffic on Google domains.
- **DealDetector**
 - *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.
- **Pomo.io**
 - *Typescript, TailwindCSS, 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.

ORGANIZATIONS

- **Knight Hacks**
 - Hack-A-Day 2 Winner: KnightsWallet
- **Society of Hispanic Professional Engineers**
 - *Member*
- **Google Student Developer Club**
 - *Member*

HONORS AND AWARDS

- National Additive Manufacturing Competition Finalist @ SkillsUSA NLSC - July 2022
- Top Engineering Student @ Cypress Bay High School - June 2022
- AP Scholar with Distinction - May, 2021