

Carlos E. Chavez

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EDUCATION

Bachelor's Degree in Computer Science; Florida International University, Miami, FL December 2022
Bachelor's Degree in Psychology; Florida International University, Miami, FL April 2020

PROFESSIONAL EXPERIENCE

Workday May 2022 – August 2022

Software Development Engineer Intern

- Worked on implementing changes to time tracking feature which reduced the quantity of steps users had to make to request time off by 50%.
- Refactored various outdated components in React to improve the application build speed by over 25%.
- Maintained test coverage above 90% when adding new features and increased test coverage of existing files.
- Implemented UI changes to Micro-Calendar application to improve accessibility.

CodePath and Workday

June 2021 – August 2021

Full Stack SITE Intern

- Work along with other interns to build projects using a variety of technologies including React, Node, Express, and PostgreSQL.
- Participate in team meetings, daily stand-ups, workshops, and receive personal mentorship from a current Workday software engineer.
- Plan and develop a capstone project idea along with another intern, with the guidance of industry mentors. Presented a working demo of our application and its features.

PROJECTS

CloudHop iOS App

- Won First Place at CodePath's National Demo Day competition.
- Developed a mobile application using Swift that uses machine learning to create travel recommendations based on places you have visited and liked.
- Users can view their recommendations, view user profiles, search or swipe through cities, like the various cities, and follow each other to see the cities that have been liked by the users they follow.
- Technologies used: Swift, CreateML, and Firebase.

Kurios Full Stack Web App

- Developed a web app that allows users to learn, track, and paper trade cryptocurrency.
- Developed an API server and relational database to handle users lesson progress and cryptocurrency wallets.
- Fetched cryptocurrency live price data, information, and news using the CoinAPI, NewsAPI, and CoinGeckoAPI.
- Technologies used: React, Node, Express, PostgreSQL, Material-UI, Node-Cron

ORGANIZATIONS

Upsilon Pi Epsilon

January 2021 – Current

Committee Member

- Conduct workshops that aim to teach various software development topics to the students in our community. Topics include web development, mobile development, machine learning, and more.
- Worked along with other members to create the website for managing sign-ups to ShellHacks, Florida's largest hackathon.

TECHNICAL SKILLS

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- React, Python, JavaScript, Node.js, Express, PostgreSQL, Swift, HTML/CSS, Java, TypeScript, Firebase
 - Git Version Control, Bamboo, Jira, Jest, React Testing Library, VS Code, IntelliJ, Figma