

Roberto Jose Cardenas

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EDUCATION

University of California, Berkeley

Bachelor of Arts in Computer Science

Relevant Coursework: Software Engineering, CSS Fundamentals, Modern Web Design, Data Structures and Algorithms, Computer Security, Operating Systems and Systems Programming, Database Systems

SKILLS

- Programming Languages & Frameworks: PHP (WordPress), HTML, CSS (SCSS), MySQL, JavaScript (jQuery), Java, Python, C, Ruby (Rails)
- Tools: git, GitHub, Figma, Local

RELEVANT EXPERIENCE

Full Stack Developer, *Motus*

June 2018 – June 2020

- Developed two customer-facing full stack web applications by planning out and executing the development of the user client, API, CMS, and database for each project
- Collaborated with the company designer to create and prototype responsive layouts and translated them into production code
- Maintained and updated legacy projects by refactoring the codebase and creating documentation

PROJECTS

End-to-end Encrypted File Sharing System, *Computer Security, December 2020*

- Designed and implemented a Go client application to share files securely, factoring in adversaries/malicious users and untrusted public file servers
- Supported multiple user sessions, sharing and revoking user privileges, and efficient file modification

PintOS, *Operating Systems and Systems Programming, August 2020*

- Designed and implemented a uniprocessor OS in a team of 4
- Implemented thread polls and scheduling, user programs and protection, growable file systems and file cache, and multiple system calls

Resto Facil, *Motus, January 2019*

- Designed and built an API serving as an access point to Motus's existing POS system utilizing PHP
- Developed a dashboard used for managing restaurant tables, orders, inventory and payments in real time utilizing the LAMP stack
- Implemented a user permissions system used for managing user privileges and actions

SCMI, *Motus, June 2018*

- Designed a database used for storing temperature, humidity and energy consumption readings taken from customer refrigeration equipment utilizing MySQL
- Developed a user dashboard used for monitoring the latest sensor readings, sensor remote control and sensor configuration utilizing the LAMP stack
- Implemented customizable user themes for the web client

LEADERSHIP EXPERIENCE

Sous Chef, *Cellarmaker Brewing Company*

March 2024 – September 2024

- Lead a team of 5 cooks by training them on proper food handling, new and existing kitchen procedures, food quality and presentation standards, and by directing back of house operations during service
- Maintained effective communication with the front of house team by exchanging key information about order delays, customer food allergies and dietary preferences, 86'd items, and directing orders to the correct tables to ensure customer satisfaction