

Ivan Alejandro Robles

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WEBSITE and INTERACTIVE RESUME:

theivanrobles.com

EDUCATION:

University of California, San Diego: B.S. in Computer Engineering - June 2022

PROJECTS:

[Powelldoro Website](#) - Pomodoro Technique Timer

Role: UI/UX Designer

- Created a fully responsive user interface for a website (HTML, CSS) that helps individuals focus on their work with a to-do list and a pomodoro timer.
- Built features using a modular structure (Javascript) centered on an eventbus that made it simple to add or remove features without affecting other pieces of code.
- Collaborated with a team of 9 using the AGILE practices of daily stand-ups, weekly sprints, peer-reviewed PRs, and a CI/CD pipeline.
- Utilized real user feedback to iteratively improve the website by modifying existing features and creating new ones.

ChoreTracker Website - Chore Organization Application

Role: Full-Stack Developer

- Collaborated with a team of 4 to create a product that has both hardware and software components.
- Built the entirety of a website (HTML, CSS, Javascript) that allows parents to assign their children chores and monitor the progress of those chores through various internet-enabled sensors.
- Utilized Python to run servers, make server requests to load different pages and generate SQL queries from a database server.

TECHNICAL SKILLS:

Languages

- HTML/CSS, Javascript, Python, SQL, C++, Java, ARM/MIPS

Development Tools

- Git, Visual Studio Code, Google Collab, Docker, Miro, Slack

Other Experience

- CI/CD Pipeline, RESTful routes, database servers, AGILE practices, computer graphics