Konrad Hernandez

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Education

California State University, Long Beach
- Bachelor of Science in **Computer Science**
- Expected Graduation: Fall 2023
- Minor in **Mathematics**

Clubs and Activities
- Association for Computing Machinery
- Google Student Developer Club
- Christians on Campus

Technical Skills

Front End: HTML, CSS, JavaScript, TailwindCSS, React, React Native, C#, TypeScript
Server Side: Node.js, Google Cloud, Java, C++(ESP32), Python
Database: Firebase, PostgreSQL, NoSQL
Dev Tools: Git, Github, Unity, Blender
Deployment: Expo, AWS EC2, AWS S3

Projects

Stick | Unity 2D Indie Game | Personal Project | C#, Unity, Blender | Github | View Project Gameplay
- **Purpose:** 2D Platformer. Play through different levels with the goal of getting to the door in each level before time runs out and without dying. Inspiration from Mario and N Flash game.
- Level design, object animation, character/object animation controllers, UI design, particle effects, character design

FooDood | Mobile Food Application | React Native, Expo, TailwindCSS, Java(Spring), Firebase(NoSQL), Google Cloud, Python | Github
- FooDood is a mobile application that combines the concept of Tinder-swiping with selecting something to eat. Working on this project with three other engineers.
- FooDood requests Yelp data based on your current location, then fetches any restaurants from Yelp, with the style tags preselected, anywhere near your location, and displays plates from these matching restaurants.
- The idea behind the app is to make it easier to decide what to eat by providing a way for easy food searching based on plate styles and not just restaurants like current food applications out there.

Jarvis | Home IOT System | ESP32(MicroController), C++, Wi-Fi protocols, Arduino, Google Assistant API, HTTP, Spotify API| View on GitHub
- **Purpose:** Jarvis is a voice-controlled Home System, similar to Alexa, that controls third-party and custom-made IOT devices around my room.
- Jarvis can control my lights, and Spotify players, and even run bash scripts on my computer for other personal tasks.

Experience

Web Developer | ASI Communications Inc. | HTML, CSS, Javascript
- Collaborate with a team in order to maintain, manage and update 3 websites.
- Update and Design the UI of new pages on these sites.
- Complete work orders that explain changes needed on websites.