

Jarod Najera

jarodnajera@yahoo.com

GitHub: <https://github.com/jarodnajera>

Portfolio Website: <https://jarodnajera.github.io/>

Linkedin: <https://www.linkedin.com/in/jarod-najera-2272721b9/>

Education

B.S. Computer Science University of California - Riverside June 2023

- **Relevant Coursework:** Web Development, Software Engineering, Algorithms, Data Structures, Artificial Intelligence, Data Analysis

Technical Skills

Programming Languages: HTML/CSS/JavaScript, Python, C, C++, Swift, Arduino

Frameworks/Libraries: React, React Native, Vue, Express, React-Router, React-Bootstrap

Tools: GitHub, MongoDB, Firebase, Jupyter, Amazon Web Services, Google Cloud Platform, Heroku

Project Experience

Senior Design Project University of California - Riverside Jan - March 2023

Arduino Guitar Pedal

- Developed a guitar multi-effects pedal using an Arduino UNO in a team of 3
- Designed circuit for audio buffer for processing signal from guitar to effects pedal to guitar amp
- Programmed Arduino to handle incoming guitar signal and apply desired effect

Pocket Botanist https://github.com/jarodnajera/Pocket_Botanist_Final May 2023

- Built a full-stack mobile application in 24 hours for BioHack 2023 using React Native that allows users to take pictures of plants to identify them, and check whether they're edible or not
- Application also allows users to take pictures of sick plants to diagnose their illness
- Utilized Express and Node.js to build the backend and create user authentication
- Implemented Plant.id API to help identify and diagnose plants, and display information to user

TuneFi <https://github.com/jarodnajera/TuneFi> June 2023 -

- Built a full-stack web application using React that allows users to create pages for uploading their music, creating event posts for their concerts or meet ups, and communicating with their fans
- Utilized Express and Node.js to build the backend and create user authentication with 2FA and hashing
- Used MongoDB to maintain database of users, songs, and posts

Work Experience

General Merchandise Target, Chula Vista CA Nov 2020 - Jan 2021

- Managed and kept track of inventory for products

Resident Advisor UCR Residential Life, Riverside CA Sept 2021 - June 2023

- Created events and presentations for students living within UCR's residential communities to encourage their personal, social, and academic development
- Promoted events by creating marketing materials such as flyers, posters, and emails

Leadership

Robotics Coordinator IEEE@UCR, Riverside CA Sept 2020 - June 2021

- Hosted workshops to teach members technical skills needed to participate in MicroMouse
- Covered schematic/circuit design and maze-solving algorithms