www.github.com/edwingl10
www.edwingl.tech

EDWIN G. LOPEZ PAZ

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EDUCATION

Irvine, CA **University of California, Irvine** **Fall 2015 – June 2019**

- **Major:** Software Engineering, B.S.
- **Programming Coursework:** Intermediate programming in Python, Programming in Java as a Second Language, Data structure Implementation and Analysis, Design and Analysis of Algorithms, Data Management in SQL

PROFESSIONAL EXPERIENCE

Community Ambassador **Para Los Niños** **Nov 2020 – Present**

- Research, assemble and administer presentations that convey important information and resources to community members
- Advise team members and assimilate various perspectives to better accomplish community expectations
- Facilitate and guide community events to distribute resources, PPE packets and other crucial daily items

AR Developer, Intern **Plural** **January 2020 – July 2020**

- Developed Augmented Reality filters using **SparkAR** to use on Facebook and Instagram
- Implemented **Javascript** scripts for different user interactions and animations
- Collaborated with product team members to design and implement key features

Python Instructor **A Place Called Home** **June 2017 – July 2017**

- Trained group of 20+ High School students **Python** syntax, types and other fundamentals
- Assembled, clarified, analyzed and debugged 2000+ lines of student code
- Designed and coordinated implementation problems and final restaurants program

SOFTWARE PROJECTS

Dream Scholars:
- Collaborate to develop a web application using **React** and **Typescript** that allows uses to explore, search and share scholarships
- Validate functionality by incorporating unit tests, using **React Testing Library** and **Jest**, on essential components
- Implement front end designs and backend functionality that allows interaction between components and Database systems
- Structured and created design documentation and encouraged re-usability through code reviews

Netflix clone:
- Developed a web app using **React** and **JavaScript** that allows users to browse, search, watch trailers, and add movies to their favorites list
- Reduced load times to seconds by integrating **lazy loading** and **infinite scrolling**
- Leveraged browser session storage for recently searched movies

Cleaning website:
- Designed and deployed a responsive housekeeping website with **HTML**, **CSS** and **JavaScript**
- Increased exposure and profit by more than 50% through **SEO** techniques and **UX** principles

Search Engine:
- Created an inverted index using **Python, MongoDB** and **TKinter** for the GUI
- Parsed Corpus of entire ICS web pages from UCI utilizing **BeautifulSoup** library
- Utilized term frequency, inverse document frequency and weighted tags for page scoring

SKILLS

- (proficient): Python, Java, React, HTML, JavaScript, CSS, SQL, MongoDB, Git, REST API
- Languages: Fluent in reading, writing and speaking **Spanish**