# Juan Piedra

#### **EDUCATION**

# UCSD Full Stack Web Development, San Diego

MARCH 2023 - PRESENT

- Solidified core web foundations with HTML, CSS, and JavaScript. Enhanced dynamic scripting skills with jQuery, mastered adaptive web designs, delved into Bootstrap, and explored PWAs. Developed applications using React.js, ensuring user-friendly interfaces.
- Experienced in deploying applications via Heroku and GitHub Pages. Honed version control with Git, streamlined workflows with shell scripting, and ensured code quality through unit testing, linting, and continuous integration.
- Gained proficiency in algorithms, focusing on key searches and sorts. Acquired insights into performance optimization, understanding time complexity, Big O notation, and crucial JavaScript data structures.
- Familiarized with data management using MySQL's relational structures and MongoDB's flexible NoSQL approach.
- Ventured into server-side dynamics using Node.js and Express.js. Incorporated user authentication, utilized template engines, and integrated the robustness of the MERN stack for web applications.
- Grasped the pivotal client-server interplay, designed efficient APIs leveraging REST and JSON, and integrated asynchronous operations using AJAX and GraphQL.

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#### **SKILLS**

#### **EXPERIENCE WITH:**

- Algorithms
- Bootstrap
- CSS
- Data Structures
- Express
- Git
- Heroku
- HTML
- Javascript / ES6
- Jest
- jQuery
- JSON Web Tokens
- MongoDB
- MySQL
- Node
- Progressive Web Applications
- React
- RESTful API design
- Typescript

## **PROJECTS**

### **EXPERIENCE**

## **GameStop**, Imperial, CA — Senior Game Advisor / Manager

SEPTEMBER 2021 - PRESENT

- Operate the register, promote memberships, provide excellent customer service, stock and organize inventory, maintain display aesthetics, and report discrepancies.
- Stepped up as temporary manager (Jan 2023 June 2023), overseeing staff scheduling, driving store sales, and ensuring employee productivity. Stayed on top of district and regional updates, while executing all managerial responsibilities to maintain store excellence.