Andres Mancilla Valdez

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EXPERIENCE

DataHacks (Data Science Student Society) — *Director*

June 2020 – PRESENT

Lead and orchestrate the annual UC San Diego Datathon. Scheduled to serve a large and diverse group of more than **300 UC San Diego students**, as well as coordinating and executing managerial responsibilities among a committee of **20 motivated individuals.**

JV Express Inc — *Software Engineer*

May 2020 - PRESENT

Built and programmed a cloud-friendly Multipage application using **React**. Incorporated **MongoDB database**, to allocate contact information in cloud storage and **BEM** to create clean semantic code. Scaled website's aesthetic by implementing **Bootstrap 4,** and easy to use contact form with **Formspree.**

Nakamura Partners — *Backend Software Engineer*

July 2020 – PRESENT

Created and shipped a **Java-native** Allen-Weiss based **Priority Queue**, for robotic in-house processes of privately owned Health Care system.

22 Social — *Software Testing Engineer Intern*

June 2016 – July 2016

Worked along-side a specialized team of 7 developers. Diagnosed internal protocols by testing frontend of website and writing a supplemental sheet and executing actions with Senior Product Manager. Helped **architect mobile friendly version** of website by removing unnecessary files and features for **better runtime efficiency**. Used **PHP MobileDetect class** to detect whether a user is using a phone or PC.

EDUCATION

University of California San Diego — B.S. *Mathematics–Computer Science*

Fall 2018 – June 2021

Undergraduate Coursework: OOP Design, **Data Structures & Algorithms**, Vector Calculus, Advanced Data Structures, Linear Algebra, Computer Organization & Systems Program. In-major **GPA: 3.3**

SKILLS:

Git, Bash, MySQL, AWS, MongoDB, Bootstrap 4, React, Angular 6, Node JS, JUnit testing

LANGUAGES

JavaScript, PHP, Java, HTML5, CSS3, C++, C, Python, R, Swift

HOBBIES

- Horse trainer & Farrier
- Avid surfer
- Enjoys practicing gymnastics
- Has a dream to ride saddle bronc horses in the PRCA