

# Andres Mancilla Valdez

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## OBJECTIVE

Hard working Senior standing student, seeking entry level position or internship to serve and promote company growth.

## 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**, Advanced Mathematics, Linear Algebra, **Computer Organization & Systems Program**. In-major **GPA: 3.337**

## SKILLS & LANGUAGES

**Skills:** React, R Markdown, Angular, NodeJS, JUnit Testing, Babel, JSX, Bootstrap, MySQL, git. **Fluent in Spanish**

**Languages:** Java, Python, TypeScript, R, JavaScript, HTML5, CSS3, **Familiar** with C++ & C

## EXPERIENCE

### Data Hacks (Data Science Student Society) — *Director*

June 2020 – PRESENT

Lead and orchestrate the annual UC San Diego data-focused hackathon. 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**.

### UCSD & Cuesta College/Cal Poly — *Orientation Leader & Tutor*

May 2020 – October 2020 & August 2016 – June 2021

Catered to more than **800 incoming freshman and transfer students at Revelle College in UCSD**. Facilitated more than half a dozen orientation presentations – received extensive training on Social Justice, intersectionality of identity, and ethnicity. **Served as a math tutor** while attending Cuesta College. Served a large and diverse group of individuals. Privately **tutored Statistical Computing with R** at Cal Poly San Luis Obispo.

### JV Express Inc — *Full Stack Developer (Freelancer)*

May 2020 – September 2020

Built and programmed a **cloud-friendly Multipage application** using **React** for this company's website. 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. Added micro interactions to the website by incorporating **JavaScript** syntax.

### Nakamura Partners — *Software Engineer Intern*

July 2020 – August 2020

Shipped an Allen-Weis based priority queue for robotic inhouse processes in a health system. Built an Automated Purchase History program, to save receipts of purchases and serves going in and out of company. **Maven** plugin required to access **Apache Library**.

## HOBBIES

- Horse trainer/farrier
- Avid surfer
- Has dream of riding bucking horses in PRCA

