

# Andres Mancilla Valdez

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## Education

### University of California San Diego

GPA: 3.337

- Bachelor in Science in Mathematics – Computer Science

(Senior)

## Professional Skills

**Skills:** R Markdown, Bootstrap, ExpressJS, NodeJS, Nodemon, Body Parser, Apache, CSS, jQuery, React, MySQL, MongoDB

**Languages:** R, Java, JavaScript, HTML, Python, R, C++, C

## Work 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**.
- **Executed managerial responsibilities** among a committee of **25 motivated individuals**.
- **Created** a sponsorship package for companies interested in supporting Hackathon. Provided reasonable incentives to further encourage industry involvement.

### JV Express Inc — *Freelancer*

November 2020 – PRESENT

- **Architecting a unique**, cloud-friendly Multipage application using **Express server as the back end**, to render efficient website.
- **Coded from scratch**, micro interactions to the website by incorporating **CSS as the front end**.
- **Launched JavaScript code** to create interactions in website.

### 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. Used **Maven** plugin required to access **Apache Library**.
- **Extracted data** from an excel sheet, by accessing excel sheet cells and passing them as arguments into Invoice object.

### UCSD — *Orientation Leader*

May 2020 – October 2020

- 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.

### Cuesta College — *Mathematics Tutor*

August 2016 – June 2020

- **Served as a math mentor** while attending Cuesta College. Served a large and diverse group of individuals.
- Specialized in the calculus and physics series. Also privately **tutored Statistical Computing with R** at Cal Poly San Luis Obispo. (June 2020 – September 2020)

## Hobbies

- Horse trainer
- Avid surfer
- Has dream of impacting cattle industry with software





