

# Jason Avalos

San Diego, CA | [javalosmorfin@sandiego.edu](mailto:javalosmorfin@sandiego.edu) | (619) 371-8561

[GitHub](#) | [Portfolio](#)

## EDUCATION

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**UNIVERSITY OF SAN DIEGO** | M.S. APPLIED DATA SCIENCE | GPA: 3.85 09/2024 – 06/2026

Coursework: Probability and Statistics for Data Science, Data Science Programming

**UC SAN DIEGO** | B.S. MATHEMATICS-COMPUTER SCIENCE | GPA: 3.1 09/2017 - 06/2020

Coursework: Introduction to Probability, Math/Algorithm&Systems Analys, Advanced Data Structures, Combinatorics, Software Engineering, Math of Modern Cryptography, Advanced Software Engineering, Intro to Computational Stats

## EXPERIENCE

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**SKINALYTICS** San Diego, CA

Lead Software Engineer (Intern) 08/2020 - 11/2023

- Developed full-stack features for an Android application such as API methods to pull data from Amazon DynamoDB, modified database schema, paging mechanisms, and user interface features.
- Led and trained new software engineering interns on key concepts of software development cycle, tools, working in a team, communication and fixing bugs.

## PROJECTS

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### DATA SCIENCE

#### Student Dataset Analysis

- Project with a High School student dataset to predict grades based on students' characteristics through data wrangling and pre-processing, Exploratory Data Analysis, ML model development, and visualization.

#### Capstone Project

- Co-produced a model with 84% accuracy to make data-driven recommendations to increase customer engagement using an e-commerce dataset.

## SKILLS

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- **Program Management**: Machine Learning development life cycle management.
- **Programming Languages**: Python, R, SQL, Java, and JavaScript.
- **Tools & Technologies**: Jupyter Notebook, RStudio, Amazon Web Services, and GitHub.
- **Data Analysis**: Statistical analysis, data cleaning, preprocessing, and visualization.
- **Database Management**: MySQL, MongoDB, and Postgres
- **Soft Skills**: Teamwork, detail-oriented, problem solving