

# ULYSSES MENDEZ

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## OBJECTIVE

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UC Berkeley graduate seeking an entry level position to gain hands on industry experience.

## EDUCATION

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University of California, Berkeley

2025

B.A. in Data Science

## SKILLS

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Languages	JavaScript, Python, Java, HTML, CSS
Frontend	React, Vite, Chakra UI
Backend	Node.js, Express
Databases	MongoDB
Tools	Git, REST APIs, Map APIs, npm, VS Code

## PROJECTS

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### ParkSpace — Full-Stack Web Application

Currently building a full stack web platform using React, Node.js, Express, and MongoDB that enables users to discover and list parking spaces using real time location data. Implemented interactive map based search and visualization with geospatial APIs, designed RESTful backend services and database schemas.

### NGordnet — Large Scale Text Data Analysis System

Developed a Java based system for analyzing word usage trends over time using large historical text datasets. Implemented data structures to support time range queries, frequency comparisons, and word history lookups.

### Scheme Interpreter — Programming Language Implementation

Built an interpreter for a subset of the Scheme programming language in Python implementing expression parsing, evaluation, and lexical scoping using recursive logic and environment modeling.

### Personal Portfolio Website — Windows Inspired Interface

Designed and built a custom portfolio website using pure HTML and CSS. This website is inspired by a classic Windows style interface to showcase projects and more about myself.

### BYOW (Build Your Own World) — Procedural World Generation System

Developed an automated generating, tile based world exploration system in Java using deterministic random seeds. Implemented world generation algorithms, player movement, and interaction logic while managing game state and rendering.

## ADDITIONAL EXPERIENCE

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Mobile Mechanic / Window Tint & Vehicle Wrap Technician

2021 – Present

Independent / Contract Work

*Los Angeles, CA*

- Provide mobile automotive services including mechanical repairs, window tint installation, and vehicle wraps while managing client communication and scheduling
- Diagnose and resolve mechanical and technical issues in real world environments, requiring problem solving under time and resource constraints
- Balanced full time academic coursework at UC Berkeley with consistent client work to support school and living expenses