

# Manuel Espinoza

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## Education

Oregon State University

Corvallis, OR

**Bachelor of Science in Computer Science**

*Expected May 2024*

GPA: 4.0 – Dean's List

**Relevant Coursework** Data Structures, Web Development, Discrete Math, Object Oriented Programming, Computer Architecture and Assembly Language, Software Engineering I, Analysis of Algorithms

San Francisco State University

San Francisco, CA

**Bachelor of Science in Business Administration – Finance**

*June 2019*

## Extracurriculars and Projects

**CarDoc** – Python, Flask, HTML, CSS, Bootstrap, SQLite, GitHub

*Oct. 2022*

*OSU BeaverHacks – 2nd place winner in the new student category of the Oregon State Hackathon*

- Created a full stack web app that suggests vehicle maintenance based on mileage
- Designed an intuitive user interface built with HTML, CSS and Bootstrap
- Implemented dynamic rendering of maintenance suggestions by connecting to CarMD API

**Ludo Game** – Python, GitHub

*Aug. 2022*

- Built a Python program that evaluates the token positions for players of the Ludo board game
- Demonstrated deep understanding of object-oriented principles and best practices

**Gym Journal** – JavaScript, React, Node, MongoDB, Express, HTML, CSS

*Dec. 2022*

- Developed an application to track workouts performed by the user to assist with their fitness goals
- Users can create, view, update and delete exercises with weight, reps, and date the exercise was performed
- Back end implemented with Node.js and Express, along with React and a REST API for the front-end UI

## Professional Experience

**Better Mortgage**

Oakland, CA

*Operations Associate*

*Nov. 2020 – Apr. 2022*

- Built Looker visualizations to track monthly metrics, project volume, and allocate resources
- Managed pipelines of over 90 loans per month and performed over 100% of the monthly closing KPI's
- Experience in a fast-growing startup environment with constant change in workflow and systems while maintaining top performance

**Transwestern**

San Francisco, CA

*Real Estate Analyst*

*Aug. 2018 – Nov. 2020*

- Created Excel lease and purchase cash flow models to underwrite commercial real estate transactions which served as a template for other analysts.
- To enable our clients to make quick business decision, I performed market due diligence to identify demand drivers, demographics, and population/employment growth trends and built deliverable reports.
- Procured, organized, and stored thousands of business and market intelligence records using CoStar, ArcGIS, and the firm's proprietary CRM database which simplified sales functions for over 50 brokers

## Technical Skills

**Programming Languages:** Python, JavaScript, HTML, CSS, x86 Assembly

**Tools:** Git, GitHub, MongoDB, ArcGIS, Node.js

**Frameworks and Libraries:** Bootstrap, React, Flask, Express