

# Oscar Avendaño

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## Career Objective

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Enthusiastic Computer Science student with a strong foundation in programming, algorithms, and software development. Seeking an internship to apply my technical skills, problem-solving abilities, and passion for innovation in a real-world setting. Eager to gain hands-on experience, collaborate with professionals, and contribute to impactful projects while continuously learning and growing in the field of technology

## EDUCATION

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### California State University, East Bay

Hayward, California

B.S. in Computer Science

Expected Graduation, May 2025

- o **Concentrations:** Software Engineering/Development
- o **Related Coursework:** Artificial Intelligence, Data Structures & Algorithms, Computer Networks, Website Development, Machine Learning, Object-Oriented Programming, Operating Systems, Mobile Programming

## PROJECTS

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### Convolution Neural Network

Hayward, California

Creator

January 2025

- Set-up a CNN that takes an input image and passes through convolution layers along with the fully connected layer to identify what object the image corresponds to

### BlackJack

Hayward, California

Team Member

August 2024

- Developed a BlackJack game that passes message objects to and from server/clients in order to synchronize the GUI for all players and dealers in the game
- SRS Document, UML diagrams, design process, implementation, JUnit testing, along with Gantt chart to track group progress and tasks

### FlashCard App

Hayward, California

Creator

February 2025

- Designed and implemented a flashcard app using Android Studio by creating deck objects and placing them within a recycler view to be able choose a deck and study by flipping and scrolling through flashcards
- Different menus for creating/editing flashcards and checking/updating profile

### DVD Collection

Hayward, California

Creator

September 2024

- Developed a DVD collection program using OOP in Java that stores DVDs within a collection by loading and storing data to be able to see your collection, as well as remove and add new titles
- GUI developed to show title, description, run time, and cover image

### PortFolio Website

San Jose, California

Creator

July 2024

- Built my own personal website by using JavaScript, HTML and CSS to showcase my projects and experience to future employers I hope to work with!
- Includes an interactive nav-bar with clean overall design along with links and images to provide stronger connection to who I am

## ACTIVITIES AND LEADERSHIP

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### CSU East Bay Men's Soccer

Hayward, California

Core leader in the teams success by creating a strong team environment with excellent communication skills in order to have the most successful season in three decades of CSU East Bay's history

## SKILLS

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**Programming:** Java, C++, JavaScript, HTML/CSS, PHP, Python

**Tools:** Android Studio, Eclipse, JUnit, Jupyter Notebooks, Visual Studio

**Platforms:** Windows, MacOS

**Languages:** English, Spanish