

# Marco Antonio Padilla

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## EDUCATION

### California State University, Los Angeles

*Bachelor of Science, Computer Science*

Expected: May 2025

**GPA: 3.58**

## WORK EXPERIENCE

### Junior Software Developer | We2Link

*HTML, CSS, Tailwind CSS, JavaScript, React.js, Firebase*

Aug. 2024 – May 2025

Remote, USA

- Engineering a full-stack application with React.js and Firebase to enhance memory management for users with cognitive impairments by helping them efficiently organize memories, passwords, and daily tasks.
- Actively worked in a sub-team of 3 software engineer interns in code reviews and scrum sessions, providing constructive feedback to improve designs, code quality, and development processes.

## PROJECTS

### Machine Learning: Regression Used Cars Sales

*Python, Jupyter Notebook, Pandas, Keras, Tensorflow, Scikit-Learn*

Feb 2025 - May 2025

- Trained various machine learning and deep learning models, including Decision Tree, ANN, and CNN, to predict the feature importance of our dataset.
- Preprocessed a dataset of 2 million+ Car samples taken from Kaggle, utilized Pandas, Keras, and NumPy to optimize them as training data for machine learning models, achieving an average prediction accuracy of 90%

### Neighborhood App

*FlutterFlow, Firebase*

Aug 2024 - Dec 2024

- Developed a mobile app for neighbors to communicate with each other and lend each other tools or time.
- Designed to lend tools page as well as the tools display page.

### Baccarat Web App

*Deck of Cards API, MongoDB, Node.js, CSS*

Jun 2024 - Sept 2024

- Developed a simple web application that using Node.js and the Deck of Cards API to play the game of baccarat as well as storing the score to MongoDB.
- Implemented CSS to style the UI for better visuals.

### Blackjack Web App

*Deck of Cards API, MongoDB, Node.js, CSS*

Jun 2024 - Sept 2024

- Developed a simple web application that using Node.js and the Deck of Cards API to play the game of blackjack as well as storing the score to MongoDB.
- Implemented CSS to style the UI for better visuals.

## VOLUNTEER

### Cashier | Mother of Sorrows Church

April 2012 – May 2013

- Skilled in accurately handling cash while providing excellent customer service in a fast-paced environment. Proven ability to maintain organized checkout areas, resolve customer issues, and support team goals with efficiency and professionalism.

## TECHNICAL SKILLS

Languages: *Java, Python, SQL, HTML, CSS, JavaScript, C++*

Tools: *Agile, JIRA, Slack, GitHub, MVC, Cloud Firebase, MongoDB, Flutterflow*

Libraries/Frameworks: *Bootstrap, React.js, Node.js, NumPy, Pandas, Matplotlib, TensorFlow, Scikit-Learn, Keras, Tailwind CSS*