

Adam Torres

[email](#) | [linkedin](#) | [github](#) | [website](#)

EDUCATION

University of California, Berkeley

Bachelor of Arts in Computer Science

Expected May 2023

Pasadena City College

Associate of Arts in Physics

June 2021

EXPERIENCE

Data Science Intern

May 2022 - August 2022

Southern California Edison

Pomona, CA

- Improved sensitivity analysis code base worst case run time by over 50 percent after refactoring. Also added data refresh file and automated visualizations.
- Improved the quality of data sets, that are used for risk and consequence models, by approximately 20 percent by creating a multi-class text classification model using neural networks.

Bookkeeper

March 2021 – October 2021

Principles Inc.

Pasadena, CA

- Performed accurate and on-time deposits and withdrawals on a daily basis.
- Enhanced the Client Trust accounting systems by utilizing Microsoft Access and Microsoft Excel technologies in order to increase the efficiency of the daily workflow, decreasing the total time by half.
- Perform daily balance, maintenance, and monitoring of 50 to 70 client credit accounts.
- Effectively communicate with all clients to ensure that their accounts are being monitored properly and effectively.
- Manage onsite convenience store by performing the following duties: creating and maintaining store employee schedule, oversee the ordering and restocking of all goods sold by the store, maintaining profit and loss reports for all store revenue.

Accounts Receivable Clerk

October 2020 – February 2021

Principles Inc.

Pasadena, CA

- Provide accounts receivable services and support for non-profit firm with more than 10 million in annual revenue.
- Performed accurate and on-time deposits for all revenue accounts.
- Monitored and prepared all revenue accounts for Internal and State audits.
- Monitored all contract revenue billing and collaborated with the billing department to decrease denials to less than one percent of all billed services.
- Enhanced the contract revenue monitoring system by utilizing database technologies, which improved yearly State audits.

PROJECTS

Gas Price Model | *Technologies used* MongoDB, TensorFlow, JavaScript

- Created a machine learning program with MongoDB and TensorFlow. By loading sales gas station sales data into MongoDB, creating a TensorFlow model from MongoDB, then training the model we can then predict how many gallons will be sold based on price.

Logo Maker | *Technologies used* C++, SFML

- Utilized various data structures and search algorithms to develop a Logo Maker GUI App which allows users to develop personal logos with functionalities such as saving, undo, redo, and a subset of processes similar to Adobe.

Texas Hold'em | *Technologies used* Python, tkinter

- Developed an interactive GUI application in python which allows users to play against low level artificial intelligence.

TECHNOLOGIES

Languages: Python, Java, JavaScript, C++, HTML5, CSS3

Frameworks: Flask, Django, React.js

Developer Tools: Docker, Github

Libraries: tkinter, pandas, numpy, tensorflow, matplotlib, plotly

Applications: SAS, Slack, Notion, Microsoft Office, Adobe, Figma