

# Adam Torres

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

## EDUCATION

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### University of California, Berkeley

*Bachelor of Arts in Computer Science*

*Expected May 2023*

### Pasadena City College

*Associate of Arts in Physics*

*June 2021*

## EXPERIENCE

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### Data Science Intern

May 2022 - Present

*Southern California Edison*

*Pomona, CA*

- Improved sensitivity analysis code base worst case run time by over 50 percent after refactoring and automated visualizations.
- Improved the quality of data sets by performing regression imputation on qualitative nominal features 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

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### 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

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**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