

Yasmin Alexa Gil

4930 E Desert Thorn Dr, Tucson, AZ 85756 | (520) 561-9172 | alexsa.yg07@gmail.com

<https://github.com/alexsayg07>

EXPERIENCE

Software Engineering Intern

Los Angeles, CA

CZero Foods

(May 2023 - July 2023)

Pre-seed CPG startup consolidating orders from multiple sales channels, streamlining fulfillment and business insights.

- Worked closely with the CEO to outline projects, identify deliverables, and receive mentorship on the MVP process.
- Performed extensive research on *Faire* API documentation to analyze client's data to be loaded onto CZero platform.
- Expanded fulfillment network by developing a scalable microservice-based architecture with fastAPI, and pymongo that allows the CZero platform to seamlessly integrate with *Faire* API services, increasing order fulfillments by 50%.
- Ensured company code standardization by submitting pull requests and participating in design reviews to promote modular and DRY code, and implementing error handling, and API endpoint security for scalable architecture

Data Engineering Intern

Laguna Beach, CA

Kajabi

(May 2022 - August 2022)

A SaaS technology company that develops a platform for creators and entrepreneurs to create, market and sell digital content.

- Transformed raw data for modeling and statistical analysis (ETL) by using efficient SQL queries to extract customer account details, Stripe information, and email data (parsing JSON files to isolate critical variables).
- Performed exploratory data analysis and feature engineering to gain an understanding of the data and outliers.
- Developed and trained a model using XGBoost and RandomForest algorithms to predict probability of potential fraudulent accounts with 80% accuracy, reducing company's spam score by 6%.
- Showcased key KPIs with their correlation to fraudulent activity, model accuracy for fraudulent prediction, and time series analysis of fraudulent accounts to non-technical audiences and stakeholders through presentation slides and Looker dashboards.

Support Specialist

Los Angeles, CA

USC IT Services

(July 2019 - March 2021)

- Provided comprehensive technical support to end-users resolving hardware, software and network issues in a timely fashion, closing nearly 5,400 tickets, or 12% of daily tickets across the organization.
- Led a team of 5 new student workers, providing comprehensive training on the ServiceNow ticketing system, troubleshooting procedures, and adhering to style guides for knowledge base documentation.

Projects

Struct Finance

(May 2024 - present)

An early stage startup using in-depth cash flow analysis to provide financing solutions to general contractors' customers in Tucson, AZ.

- Developed a machine learning model to automate the loan underwriting process, and make informed decisions for our clients using knowledge of financial risk, loan processing, and credit principles, and in depth financial statement analysis.
- Provide clients with dashboards displaying customer analytics such as cash flow trends, ratios, and margins.

IDX Exchange

(May 2024)

Real Estate Closing Price Prediction Model (Python, Pandas, XGBoost) to assist real estate agents and potential buyers.

- Exploratory data analysis of variables correlated to house price, followed by feature engineering, and predictive model construction to forecast closing price that is integrated on the IDX website.
- Led a team of 5 interns to establish project deliverables, project documentation, coding standards and methodologies.

Payby LTDR

(March 2024)

Financial Reporting (Python, Pandas, Matplotlib) for stakeholders and potential investors, used to raise 15k in funding.

- Worked closely with CEO/CTO to develop automated financial reports for clients' dashboards for the Payby platform.

SOFTWARE & SKILLS

Python (Numpy, Pandas, Matplotlib, Seaborn, FASTAPI, Pymongo, Odmantic, Flask, Django, Docker)

Machine Learning (Linear/Logarithmic Regression, Decision Trees, KNN, KMeans, Forecasting, SVM)

Data Analysis (Warehousing, Data Visualization, SQL, MongoDB)

Web App Development (Java, C#, C++, HTML, CSS, Javascript(React, Chart.js), Github/Cloud Repository)

Bilingual (English, Spanish)

EDUCATION

B.A. in Applied and Computational Mathematics, University of Southern California, May 2024

Developing CRUD Applications, *Udemy - May 2023*

The Complete 2024 Web Development Bootcamp, *Udemy - May 2024*