

# Alexander Trujillo

Redwood City, CA 94061 - 6504188263 - [htrujillo1998@gmail.com](mailto:htrujillo1998@gmail.com) - WWW: <https://github.com/tru17189>

## Professional Summary

Driven computer science engineer with over three years of experience, specializing in data science. Proven ability to contribute to complex projects, and eager to leverage analytical skills and technical expertise in a dynamic data science team. Ready to drive innovation and deliver data-driven insights.

## Skills

- Programming languages: Python, C++, C#, Javascript
- Python packages: numpy, Pandas, Scipy, seaborn, Matplotlib, statsmodels, scikit-learn.
- Models: regression (linear, logistic), Naive Bayes, decision trees, random forest, AdaBoost, XGBoost.
- Other skills: Microsoft office 365 environment, SQL, Tableau, Autodidact, Effective communication.

## Data Projects

- [Classification of TikTok videos](#): Used statsmodels and scikit-learn to predict whether videos presented claims or opinions to improve triaging process of videos for human review.
- [Salifort motors project](#): Utilized machine learning and Python to analyze Salifort's HR data, predicting employee turnover likelihood and identifying key factors influencing employee satisfaction.

## Work History

**Software Engineer**, 09/2024 to present  
**Correctional Psychiatric Services** - Remote  
Developing and maintaining desktop applications using C#. My role involves:

- Developing and implementing new desktop application features.
- Troubleshooting and resolving issues in existing software.
- Improving software systems to boost efficiency and user satisfaction.
- Managing databases with MySQL and PHP for seamless data integration.

- Managing software engineering tasks across the development lifecycle and collaborating with teams to deliver quality solutions.

**Production Associate**, 02/2024 to 08/2024

**Tesla** - Fremont, CA

- Communicate technical and process issues to collaborate in the solution-finding process.
- Operate complex manufacturing equipment, prioritizing the best safety and engineering practices.

**Data scientist | UI/UX Designer | Developer**, 02/2021 to 04/2023

**Laats** – Guatemala (hybrid)

- Utilized advanced querying, visualization, and analytics tools like PowerBI to process complex data sets.
- Set up SQL databases on cloud servers to store client data for query analysis.
- Analyzed over 85% of commercial and freighter flights and all private flights using PowerBI and Python to derive insights and support decision-making.
- Derived insights and supported decision-making, achieving a 95% reduction in daily operations time through automated digital processes.

## Education

**Bachelor of Science:** Computer Science And Programming, 05/2022

**Universidad Del Valle De Guatemala** - Guatemala City

## Certifications

Advanced Data Analytics Professional Certificate, Coursera (offered by Google), June 2024

## Languages

English - Fluent, Spanish - Fluent