

Alexander Trujillo

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Professional Summary

Driven Software Engineer with over three years of experience in full-stack development and data science. Proven ability to contribute to complex projects, leveraging analytical skills and technical expertise. Eager to drive innovation and deliver quality solutions in a dynamic data science team.

Skills

- Programming languages: Python, Java, C++, C#
- Technologies: React, Gatsby, CSS, html.
- Models: regression (linear, logistic), Naive Bayes, decision trees, random forest, AdaBoost, XGBoost.
- Other skills: Microsoft office 365 environment, Web development, Git, SQL, Technical writing, Azure, Tableau, Effective communication.

Example 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.
- [Arava Project](#): Used PowerApps and the rest of the Microsoft environment plus a SQL relational database to create a software platform able to automate different daily processes at the international airport of Guatemala.

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.

Full-Stack Developer | UI/UX Designer |

Data Analyst, 02/2021 to 04/2023

Laats – Guatemala (hybrid).

- Analyzed over 85% of commercial and freighter flights, and all private flights, using data science and Python to derive insights and support decision-making.
- Managed and maintained SQL databases, ensuring data integrity and security.
- Write and edit comprehensive documentation to facilitate and guide user integration with IT policies and processes.
- Reduced daily operations time by 95% through implementing automated digital processes.

Education

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

Universidad Del Valle De Guatemala

Certifications

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

Languages

English - Fluent, Spanish - Fluent