

Tomas Fernandez' CV

Tomas Fernandez

Data Analyst, Physicist, Husband, Father

[My LinkedIn profile](#) | [My GitHub portfolio](#)

Currently

Data Analyst II at CorVel Corporation (working remotely), leveraging SQL, Python, and AI tools to drive strategic business decisions through data analysis and visualization.

Specialized in

Data analysis, data visualization (Tableau, Power BI, Excel), SQL, machine learning models in Python (Decision Trees, Random Forests and Linear Regression), creation of C# applications, and physics-related computational applications.

Research interests

Monte Carlo simulations, computational fluid dynamics (CFD), statistical analysis, data-driven decision-making, and process optimization.

Education

2023 - Present **Brigham Young University - Idaho, Rexburg, ID**

B.S. in Physics with a minor in Computational Physics Key Projects: Monte Carlo simulation for cosmic ray propagation, CFD analysis for Formula SAE car (5% drag reduction), C# application for resource scheduling optimization.

2018 - 2023 **Ensign College, Salt Lake City, UT**

- Associate of Business Management - Data Analytics

Experience

February 2023 - Present **CorVel Corporation, Portland, OR**

Data Analyst II

Extract, manipulate, and analyze data using SQL to support decision-making. Clean and preprocess data for integrity and visualization readiness. Create Excel and Power BI dashboards and visualizations for stakeholders. Collaborate with cross-functional teams to deliver actionable insights.

September 2020 - February 2023 **Weave Communications, Lehi, UT**

Sales Operations Analyst

Managed Salesforce lead database, increasing revenue per lead by 25%. Led daily scrum meetings using agile methodologies. Developed team-wide reports and dashboards for performance tracking. Improved lead sourcing by 44% through event and conference strategies. Managed JIRA for project tracking and process optimization.