

# 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.