





# JOSEPH DAVID RUIZ

ENGINEER | FINANCE

## CONTACT

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## SKILLS

Powerbi, SQL, Tableau, PRISM, Jaspersoft, Metabase, Python, R, dbt (ETL tool), Ruby, JavaScript, HTML, CSS, Java, C#, Excel, Access, SAGE, Clickbase, STATA, Eviews, Oracle(JDEdwards ERP), React.js/Redux, Golang, Drone, Airflow, AWS, GCS

## EDUCATION

**University of Southern California**  
**Master of Science in Financial Engineering**  
2021-2023

**Flatiron School Bootcamp**  
**Full Stack Web Development**  
2020

**General Assembly Bootcamp**  
**Data Science**  
2018

**University of Washington**  
**Bachelor of Science in Economics**  
2009-2013

## LANGUAGES

English 

Korean 

Spanish 

## PROFILE

As an accomplished BI Analyst, Engineer, and Finance professional, I bring a unique blend of technical proficiency and business acumen, honed through extensive experience in data analysis, machine learning, and software engineering. My career is marked by a commitment to leveraging powerful BI tools, Tableau dashboards, and sophisticated machine learning models to drive operational efficiency and informed decision-making. With a passion for creating data-driven products that not only address immediate needs but also generate valuable insights, I am eager to continue applying my skills in environments where innovation and data are at the forefront of business strategy.

## WORK EXPERIENCE

### Senior Data Engineer

Shipt

11/2022 - Present

- Lead development of dbt models transition to Enterprise Warehouse for source of truth accuracy
- Modify app pipelines in Golang to manage shift from AWS to GCS structure
- Develop metric pipelines for single SoT and create tests for accuracy
- Analyze Tableau tech debt for optimization and metric creation and implement changes
- Manage CI/CD changes using Drone for various pipeline and image updates
- Airflow DAG and Snowflake task troubleshooting and updating

### Senior Business Intelligence Analyst

2/2022 - 11/2022

Truepill

- Lead development of dbt models for source of truth accuracy
- Develop base models to compare production data with ERP reporting and analysis
- Automate models to alert stakeholders to forecasted drops in plan or average expectations of revenue and costs
- Develop dashboards allowing for what-if analysis and completely moved the Finance org off of Gsheets/Excel

### Business Analyst

Convoy

7/2021 - 2/2022

- Analyze carrier health related to dedication contracts
- Recommend product changes to increase shipment completion
- Analyze shipper/lane health to increase carrier confidence
- Revamp reporting with whichever tool meets the actual needs of the business users
- Recommend changes to ML models for accurate forecasting of expected volume of shipments

### Business Intelligence Analyst

Tango (formerly TangoCard)

4/2019 - 7/2021

- Develop data definitions w/C-suite assistance across the org
- Define metrics necessary for new product developments
- Study product affects and changes on existing and potential customers
- Manage reporting data pipeline for BI tools for C-level meetings
- ML model creation for fraud analysis reducing false positives freeing up Risk Analysts time
- Utilized dbt(data build tool) to programmatically create sql queries that are auditable and establish data definitions