

Work Experience

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Summary

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.

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

Languages

Korean (Intermediate)
Spanish (Intermediate)

Sr. Data Engineer - Shipt (Nov. 2022 - present)

I led the development of dbt models during the transition to an Enterprise Warehouse to establish a reliable source of truth, and modified Golang application pipelines to support the shift from AWS to GCS. I developed centralized metric pipelines with comprehensive accuracy tests, analyzed Tableau technical debt to drive optimization and consistent metric creation, and implemented the resulting improvements. I also managed CI/CD changes using Drone across multiple pipelines and image updates, and handled troubleshooting and updates for Airflow DAGs and Snowflake tasks.

Sr. BI Analyst - Truepill (Feb. 2022 - Nov. 2022)

I led the development of dbt models to ensure source-of-truth accuracy and built foundational models to compare production data with ERP reporting. I automated models that alerted stakeholders to forecasted drops in plan or expected revenue and cost averages, enabling earlier and more informed decision-making. I also developed interactive dashboards that supported what-if analysis and successfully transitioned the entire Finance organization off Google Sheets and Excel.

Business Analyst - Convoy (Jul. 2021 - Feb. 2022)

I recommended process changes to increase shipment completion and analyzed shipper and lane health to strengthen carrier confidence. I revamped reporting using whichever tools best met the actual needs of business users, and I advised on improvements to machine-learning models to more accurately forecast expected shipment volumes.

Education

University of Southern California

Master of Science in Financial Engineering

Flatiron Bootcamp

Full Stack Web Development

General Assembly Bootcamp

Data Science

University of Washington

Bachelor of Science in Economics