

ALEC R. PETERS

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EDUCATION

- University of Wisconsin-Madison, Wisconsin School of Business, Madison, WI** **2020 – 2021**
Master of Science in Business Analytics (Cumulative GPA: 4.0/4.0)
• Key Coursework: Database Management, Analytics Consulting, Machine Learning, Data Visualization, Project Management
- University of Wisconsin-Madison, Madison, WI** **2016 – 2020**
Bachelor of Science, Major in Statistics, Minor in Entrepreneurship (Cumulative GPA: 3.33/4.0)

PROFESSIONAL EXPERIENCE

- Analytics8, Madison WI** **05/21 – Present**
Staff Data Management Consultant- (05/22 – Present)
• Utilized data stack that consisted of ingesting raw data from Google Cloud Storage to BigQuery, transforming data using dbt Core, and analyzing data using Looker; Dagster was used for orchestration and GitHub was used for version control.
• Assisted a healthcare client in maintaining their legacy data environment during a new environment build; this environment consisted of a dbt project with 2,000 models and 700 sources running on a daily, weekly, monthly, and ad hoc basis.
• Served as Engagement Lead responsible for technical delivery, communicating status reports and project risks to client, and leading major project milestones (account planning, kickoff, closeout, retrospective).
• Trained clients and consultants on how to install and effectively utilize dbt Core, enhancing team efficiency and competence.
- Associate Data Management Consultant - (05/21 – 05/22)*
• Worked with a healthcare client (different than above) to stand up data stack which consisted of ingesting raw data from AWS to Snowflake and using dbt Core to transform the data with Azure DevOps Pipelines used for orchestration.
• Modeled healthcare and insurance data in dbt Core using a three-tiered architecture approach with staging, intermediate, and mart layers focused on modularity, scalability, and DRY coding principles.
• Created an internal dbt Cloud training where people learned to develop a dbt project from scratch and model raw data in an effort to equip consultants at Analytics8 with the knowledge they needed to be successful in dbt engagements.
- Fairbanks Morse, Beloit, WI (Remote)** **01/21 – 05/21**
Student Consultant
• Worked with Fairbanks Morse part-time (10 hours a week) as a part of an Analytics Consulting Practicum class with an end goal of harmonizing prices for each SKU and determining how this price alignment would impact demand and bottom line.
• Used descriptive analytics to determine and test different strategies to harmonize prices; ultimately found a harmonization strategy that was predicted to bring in an additional \$1,500,000 in revenue.
• Created a machine learning model that could effectively predict demand for most products and identify factors that are important to demand; model was used to understand how harmonized price recommendations would affect the quantity ordered and will continue to be used by Fairbanks Morse.
- TDS Telecom, Madison, WI** **06/19 – 08/20**
Billing Analyst Intern
• Wrote and maintained SQL scripts that efficiently queried billing databases, enabling streamlined access to critical billing and financial information for informed data-driven decision making within the Finance department.
• Prepared invoices as well as weekly, monthly, and/or quarterly reports utilized by different teams within Finance, created with tools like Microsoft Excel, Microsoft Access, Oracle SQL Developer, and various billing software systems.
• Redesigned work processes to automate and enhance billing methods and intern tasks to create a more efficient workflow and reduce potential errors.
- StudentPrint, Madison, WI** **08/16 – 05/20**
Manager
• Coordinated and oversaw workflow for a group of 22 students in student-run, nonprofit print shop at times handling over \$15,000 a day and over \$255,000 in annual revenue.
• Utilized descriptive analytics to analyze sales data and understand different trends in store foot traffic; analysis helped create a more efficient operating schedule and reduced Student Print's annual costs by \$10,000.

TECHNICAL SKILLS

- Programming Languages (SQL, R, Python), Database / Data Warehouse Technologies (Snowflake, BigQuery), Data Visualization Tools (Tableau, Looker), Transformation Tools (dbt Core, dbt Cloud), Orchestration Tools (Dagster, Airflow, Azure DevOps Pipelines), Version Control (GitHub), ERP Systems (SAP), Project Management Software (ClickUp, Jira)
- Analytics Engineering, Data Engineering, Data Analysis, Data Visualization, Machine Learning, Agile Project Management

INTERESTS

- The Milwaukee Bucks, 60s & Early 70s Rock, Thrift Shopping, Reading, Playing Guitar, Indoor Waterparks, Coffee, Trivia