Mark Ortleb

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EDUCATION

- **Metropolitan State University of Denver** — Denver, CO
  Bachelor of Science in Applied Mathematics; GPA: 3.49 — *Aug. 2014 – May. 2018*

EXPERIENCE

- **Dice.com** — Denver, CO
  Data Engineer — *Nov 2021 - Present*
    - **Data Warehousing**: Setup, schema design and management of Amazon Redshift. Built an internal app for access to the data using a web interface. Dataduct integration for daily ETL injection into Redshift.

- **Shaw Communications** — Denver, CO
  Big Data Developer — *Mar 2019 - Nov 2021*
    - **Data Warehousing**: Setup, schema design and management of Amazon Redshift. Built an internal app for access to the data using a web interface. Dataduct integration for daily ETL injection into Redshift.

- **Scott's Liquid Gold** — Denver, CO
  Computer Programmer — *Jun 2018 - Mar 2019*
    - **IBM i**: Maintained the integrity of business and system processes on self hosted IBM i midrange computer.
    - **Report Generation**: Resolved problems in the month-end report generation process by doing a complete overhaul of the legacy code base.
    - **Win32 Desktop App**: Initiated inter-platform communication between PC workstations and the DB2 database on the IBM i.

TECHNOLOGIES

- **Programming Languages**: Python, JavaScript, C++, Java

- **Databases**: Redshift, Snowflake, DynamoDB, ElasticSearch

- **Data Tools**: dbt, SQL, Spark, Hive

- **AWS Tools**: S3, Glue, Athena, EMR, API Gateway, CloudFormation

- **Other Tools**: Docker, HTML, CSS, Airflow