Carter Chene

403-630-3184
carter.chene26@gmail.com

Technical Skills

Programming Languages: Python, HTML, CSS, SQL, git
Data Engineering: Databricks, Spark, ADF, Dagster, dbt, Azure, AWS, GCP
Web Apps: Django, HTMX, Streamlit, Docker, Hosting
Analytics: PowerBI, Tableau, Excel (Pivot tables, PowerQuery, DAX)

Professional Work History

Data Engineer September 2022 – Present Dakota Analytics, Calgary, AB
- Created PySpark data pipelines to ingest data from third party APIs, application databases, and websites.
- Reduced tech debt of ~24000 lines of Python for big data, near real-time pipeline, while improving pipeline time ~20%. Tech stack: dbt, Databricks, delta live tables, python.
- Team lead for RnD team to create new data products using Django, HTMX, Streamlit, Postgres, Dagster. Sold these projects to 4+ clients.
- Reduced tech debt and improved pipeline speed ~25% by migrating a client to dbt from delta live tables in Databricks.
- Integrated data from a wide variety of data sources (Master Data). Heavy use of dynamic sql to automate most of the process.
- Clients include: Ovintiv, Teine, Hammerhead Resources, Gortons Seafood, Tamarack Valley Energy, Strathcona Resources.

Data Analytics Developer Intern May 2022 – August 2022 Dakota Analytics, Calgary, AB
- Developed and maintained data pipelines in Synapse Analytics (Microsoft Fabric)
- Wrote, updated, improved, reviewed T-SQL code.
- Built OLAP cubes.
- Created PowerBI Reports for clients with PowerApps and Power Automate.
- Lead dbt transition

Education

Master of Management University of Calgary, Haskayne

Bachelor of Honours Physics 2017 - 2020 University of British Columbia, Vancouver

Relevant Coursework: Computational physics, business analytics, probability, partial differential equations

Certifications

Microsoft Azure Data Engineer Certification: Databricks, Data Factory, Synapse, data security