

Carter Chene

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Technical Skills

Languages: Python, SQL

Web: HTML, CSS

Version Control: 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

Improved pipeline time by 20% by reducing tech debt of ~24000 lines of Python code for big data, near real-time pipeline. Tech stack: dbt, Databricks, delta live tables, Python.

Led RnD team to create new data products, resulting in sales to 4+ clients. Technologies used: Django, HTMX, Streamlit, Postgres, Dagster.

Enhanced pipeline speed by 25% by migrating a client to dbt from delta live tables in Databricks.

Automated data integration from various sources using dynamic SQL, streamlining processes significantly.

Clients included: 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, and reviewed T-SQL code to ensure accuracy and efficiency.

Built OLAP cubes to support advanced data analysis needs.

Created PowerBI Reports for clients, integrating with PowerApps and Power Automate.

Led the transition to dbt, streamlining the data transformation process.

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