

KATHRYN LEPINE

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EDUCATION

University of Calgary 2017 – 2022 | Calgary, AB

- Bachelor of Science in **Computer Science** Internship Program with Distinction
- Bachelor of Commerce Major in **Finance** with Distinction

WORK EXPERIENCE

BDO Canada LLP

Cloud Operation Specialist Consultant

Jan 2023 – Present | Toronto, ON

Cloud Analyst Co-op

May 2022 – Aug 2022 | Calgary, AB

- Led Microsoft **Azure upgrades** including **project management**, solution design, **testing**, procedure creation, team mentoring, and client downtime scheduling
- Analyze client Azure environments, assessing **cloud architecture** and **cloud spend** to optimize cost-efficiency while maintaining performance
- Create POC AI Hire web application to evaluate candidates for a job posting based on specific criteria using Python, Semantic Kernel, **Azure OpenAI**, and Azure Functions
- Collaborate with clients in onboarding process, offering comprehensive information on Microsoft pricing, subscription options, license changes, and service functionality, fostering strong client relationships
- Lead **sales initiative** in Western Canada, manage CRM leads and opportunities, pioneer new offerings, conduct **sales calls** to communicate the value of digitalizing small and medium size businesses
- Monitor internal Azure subscriptions, proactively detecting increases in spending and identifying unusual consumption patterns, implement **cost reduction plans** resulting in an annual reduction of 100K
- Draft RFP and RFQ responses, SOW contracts, MSA contracts, and change requests

University of Calgary

Blockchain Research Assistant

Jan 2022 – Dec 2022 | Calgary, AB

- Analyze blockchain data from **PostgreSQL** database with **ELT** process, using **SQL** queries and **Julia** DataFrames to find trends and anomalies in expected financial data
- Validate and audit the total value locked amount within protocols using various methods including **GraphQL** queries, **REST API** calls, web scraping with Beautiful Soup **Python**, documentation reviews, and code analysis
- Conduct research on the software architecture of decentralized finance (**DeFi**) protocols including Maker DAO, Trader Joe, and Uniswap

TC Energy Corporation

I.S. Business Analyst Co-op

Jan 2021 – Aug 2021 | Calgary, AB

- Solve over 500 technical **SAP** related tickets on **ServiceNow** supporting internal stakeholders
- Design and implement an **organizational change management** strategy to deploy a new device and application to over 1000 employees

CERTIFICATIONS

Apache Spark Programming with Databricks

2023

[AZ-900](#): Microsoft Azure Fundamentals

2023

[DP-900](#): Microsoft Data Fundamentals

2023

SKILLS

Programming: Python | Java | C++ | Julia | SQL | JavaScript | HTML | CSS | Databricks | Pandas | NumPy

Applications: PowerBI | SAP | Figma | Workday | Dynamics 365 | Power Platform | Azure | SysAid | ServiceNow

Coursework: Data Structures and Algorithms | Data Engineering | Decentralized Finance | Blockchain | Web Design | Software Project Management