

Kathryn Lepine

☎ (587)-216-7317 | ✉ kathryn.lepine1@ucalgary.ca | 📄 [Portfolio](#) | in [LinkedIn](#) | 📍 Toronto, ON

WORK EXPERIENCE

BDO CANADA LLP

Cloud Operation Specialist Consultant

Jan 2023 – Present | Toronto, ON

Cloud Analyst

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 a chatbot for Microsoft licensing knowledge using **Azure OpenAI** and **Cognitive Search**
- Design and develop individualized client custom email marketing campaign using **Python** for over 200 clients
- Understand business needs of clients and provide **expert cloud computing solutions**, driving \$10 million in revenue each year

UNIVERSITY OF CALGARY

Blockchain Research Assistant

Jan 2022 – Dec 2022 | Calgary, AB

- Analyze blockchain data from third-party API provider (Covalent) through **Julia DataFrames** to find trends and anomalies in expected financial data
- Validate finances of DeFi protocols using **GraphQL** queries and **API** calls
- Research over **300 DeFi applications** through whitepapers, open-source code, developer documentation, and protocol websites to create a financial model

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

PROJECTS

FULL STACK WEB APPLICATION

Sept 2022 – Dec 2022

- Design and develop a web application to coordinate anonymous gift swap exchanges including functionalities of user authentication, anonymous messaging, custom profile, custom wish list, and group creation
- Mobile first development using technologies **JavaScript, HTML, Git, CSS, Bootstrap, MongoDB, Express, NodeJS, Socket.IO**

FRONT END WEB APPLICATION

Sept 202 – Dec 2022

- Design and implement a web application for professor's to synchronously push notes to students during a lecture, each student retains an individual copy they can edit freely while continuously receiving professors updated notes
- Development using **JavaScript, HTML, CSS, Socket.IO**

EDUCATION

UNIVERSITY OF CALGARY

B.Sc Computer Science

GPA: 3.8/4.0

UNIVERSITY OF CALGARY

B.Com Finance

GPA: 3.8/4.0

SKILLS

BACK END

Python | Java | Express | NodeJS
| C++ | Julia | Socket.IO

FRONT END

JavaScript | Bootstrap | HTML | CSS

APPLICATIONS

Microsoft Office Suite |
PowerBI | SAP | Figma |
Workday | Microsoft Dynamics
365

CERTIFICATIONS

Apache Spark Programming
with Databricks | Advanced Data
Engineering with Databricks |
[AZ-900](#): Microsoft Azure
Fundamentals

COURSEWORK

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

INTERESTS

Hiking | Running | Weightlifting
| Nail Art | Curling