

Skills

- **AI:** Scikit-learn, Databricks, PySpark, TensorFlow, Natural Language Processing (NLP), GitHub Copilot
- **Programming:** Python (NumPy, Pandas, Matplotlib, Seaborn, Beautiful Soup, Flask), Java (Spring Boot), C++, JavaScript (Vue, Pinia, React, Redux, Node, Express), HTML, CSS, SQL
- **Other:** Linux, Docker, MySQL, Jenkins, Git, OOP (SOLID), Data Analysis, Data Visualization, Web Scraping
- **Certificates:** AWS Solutions Architect Associate, AWS Cloud Practitioner

Experience

Software Engineer Intern

Benevity

May 2023 – Aug 2023

- Developed a **full stack** feature similar to Spotify's yearly 'Wrapped' summaries for Benevity's platform (10M+ users), aimed at showing gratitude to users and promoting brand awareness.
- Practiced **Agile** methodology, held **Sprints**, maintained open communication with **stakeholders** on **Slack** and **weekly update meetings** on Teams to **demo** progress, get **feedback**, and **validate** that **expectations** are met.
- Led **backend development**, created **APIs**, achieved response times under 200ms for simple processes and under 2s for complex processes using **Java** and **Spring Boot**.
- Designed appealing infographics and user-friendly workflows with **Figma**, and developed the **frontend** using **Vue**.
- Reduced deployment time by 70%, **automated deployment** onto **AWS** by building a **CI/CD** pipeline using **Jenkins**, **Docker** and **GitHub**.
- Ensured code was **100% bug-free**, wrote **JUnit tests** to check basic functionality, edge cases, and error handling.
- Earned a **satisfaction score of 95%** from the industry sponsor **client** after the final presentation and demonstration.

Project Manager Intern

Siemens Energy

May 2021 – Aug 2022

- Improved project efficiently, **supported** the **lead project manager** throughout **multiple project lifecycles**.
- **Maintained client relations**, led meetings to deliver updates, address issues, solutions and outline the next steps.
- **Reduced project delays** by providing **on-site support** to the **field service team** with emergent needs or labor tasks.
- Achieved 100% compliance with site requirements, **managed** timely completion of service team certifications.
- Ensured projects **stayed on track** and **within budget** by tracking progress, expenses, and reporting to lead manager.
- Oversaw procurement and site logistics, resulted in **smooth project operations** and high service **team satisfaction**.

Education

Master of Engineering

University of Calgary

Nov 2023

- Specialization in Software Engineering, GPA: 3.9
- Machine Learning (AI), Cloud Computing, Databases, Algorithms, Data Structures, Deep Learning

Bachelor of Science

University of Calgary

Apr 2022

- Major in Electrical Engineering, GPA: 3.4
- Programming Fundamentals, Computer Networks, Principles of Software Development

Projects

To view more projects, kindly refer to my [website](#) or [GitHub](#)

Airbnb Price Prediction

AI

- Built an **AI model** to **help** Airbnb **hosts accurately price** their properties and to help **customers evaluate pricing fairness**. The model categorizes the prices as great, good, or okay.
- **Improved data quality** by preprocessing reviews, including stop word removal and snowball stemming.
- Reduced time to label the data by 85%, **prompted ChatGPT** to label the reviews as positive, neutral, or negative.
- Trained a **NLP model** to perform **sentiment analysis** on the remaining reviews.
- Significantly accelerated AI model development by utilizing **Databricks**, **PySpark** and **Python**.