

YASH BABARIYA

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Results-driven Computer Science student with excellent analytical and problem-solving skills with a strong foundation in math, logic, and statistical analysis. Eager to contribute to team success through hard work, attention to detail, and excellent organizational skills. Motivated to learn, grow, and excel in industry with numbers.

PROFESSIONAL EXPERIENCE

Edmonton, Alberta

APR 2022 – DEC 2022

Software Developer (Whistling Solutions)

- Engineered and implemented software solutions that optimized user engagement and functionality, directly contributing to a 30% reduction in user dropout rates and doubling user engagement times.
- Applied agile methodologies to manage and deliver multiple projects, focusing on continuous improvement through iterative development and frequent feedback loops.
- Collaborated closely with cross-functional teams to design and optimize UI/UX for web applications, ensuring excellent end-user experience and adherence to best practices in responsive design.

Edmonton, Alberta

APR 2023 – AUG 2024

Data Analyst (Perfect Rentals Ltd.)

- Developed and refined financial forecasting models using SQL and Python, enhancing the accuracy and efficiency of projections crucial for strategic planning and financial oversight.
- Developed sophisticated dynamic reports and interactive dashboards using Tableau and Power BI, greatly improving the strategic decision-making process for senior management.
- Conducted in-depth data analysis to uncover key trends and metrics, utilizing this insight to devise strategies that led to a 20% increase in customer retention.

SKILLS, LEADERSHIP & CERTIFICATIONS

Technical Skills:

- Programming Languages & Frameworks:** SQL, Python, C, C#, C++, Java, JavaScript, Swift, Dart, R, MySQL, MATLAB, Julia
- Unit Testing:** Docker, Kubernetes, TDD, Selenium, Mocha
- Data Visualization Tools:** Tableau, Power BI, QlikView/Qlik Sense, D3.js
- Machine Learning & Frameworks:** Regression, Neural Networks, Classification, PyTorch

Soft Skills: Problem Solving, Critical Thinking, Communication, Teamwork, Adaptability, Project Management, Version Control.

Leadership: Led a team of six peers at the University during the development of an innovative Android app, overseeing project management, design, and deployment, which honed our collective coding skills and delivered a functional application ahead of schedule.

Project: Created an AI-driven conversational agent designed for sales, customer service, and support, capable of natural, human like dialogue to improve customer engagement, streamline service processes, and boost overall sales performance.

Certifications: **Advanced Learning Algorithms** (DeepLearning.AI), **Exploratory Data Analysis for Machine Learning** (IBM), **Version Control** (Meta)

EDUCATION

University of Alberta, Edmonton, AB

2021 – 2025

Bachelor of Science, Major in Computer Science, Minor in Mathematics