

D I P E S H P A T E L

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Current Location: Edmonton, AB

PROFESSIONAL SUMMARY

Results-driven computer science student with excellent analytical and programming skills with a strong foundation in math, logic, and cross-platform coding. Eager to contribute to team success through hard work, attention to detail, and excellent organizational skills. Motivated to learn, grow and excel in the computer science industry.

SKILLS SUMMARY

Technical Skills: Front-end Development, Database, Artificial Intelligence and Improving Back-end Development

Programming Languages: Java, Python, C++, SQL, React, JavaScript, HTML/CSS.

Tools: Github, Docker, Git, Visual Studio Code, MySQL, SQLite, Xcode, VMWare, PyCharm, Unity.

Operating Systems: UNIX, Windows, Linux

EDUCATION

University of Alberta

Bachelors in Computing Science

Minor: Mathematics

SEP 2021 – APR 2025 (Expected)

RELEVANT EXPERIENCE

Member of Undergraduate Artificial Intelligence Society

JAN 2023 – Present

- A diverse student group that provide a supportive community for students interested in learning AI through regular online and in-person meetings, events, workshops and tournaments.
- Got exposure to programming artificial intelligence systems such as neural networks and reinforcement learning, and then opportunity to apply the concepts in collaborative team projects such as pac-man game.

Member of Google Developer Student Club

Dec 2022 – Present

- Participate in information sessions, hands-on workshops, and student-community collaborative projects centred around the latest and greatest in technology.
- Recently Participated in work-shop Arduino Adventures where we used the Arduino IDE, Arduino handling safety, and build a sorting machine using TensorFlow

PROJECTS

Navigation System (University of Alberta, CMPUT 275 project) (GitHub)

APR 2022

- Made with: C++, Python, Linux, Sublime Text.
- Worked on and developed Navigation system (like Google Maps). The server is a C++ program that runs the graph search algorithm on a road network and return the shortest path between starting and end point, and display it on screen using plotter program made with Python.

Web Scraper (Personal project)(GitHub)

JAN 2023

- Made with: Python, Jupyter Notebook.
- Developed and Designed a web scraper that extracts data (SubTitle, Rating, ItemPrice, TrendingPrice, ItemLink) from an eBay keyword search.

Flash Card Webpage (Personal project)(GitHub)

DEC 2022

- Made with: HTML, CSS, Javascript, Visual Studio Code
- Developed and Designed a responsive web page that lets the user creates flashcards for their exams preparation or for some other use. It doesn't reset every time user refresh page.

CERTIFICATION

- Machine Learning for All - Coursera
- Microsoft Azure Relational Databases - Microsoft
- Introduction to Web Development - Coursera