

VASHNAVI JATTU

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Education

University Of Alberta

Honors in Bachelor of Science in Computer Science

Sep. 2022

Edmonton, Alberta

Relevant Coursework

- Database management
- Statistics and Linear Algebra
- Graph theory
- Reinforcement Learning
- Ethics in AI
- Artificial Intelligence
- Machine Learning
- Logic in Computing
- Algorithms Analysis
- Computer Architecture
- Science

Experience

Vice President External

May 2024

Undergraduate Association of Computing Science

Edmonton, Canada

- As the VP External, I collaborate with the executive team to strengthen relationships with industry partners, alumni, and external stakeholders. I organize outreach events and build valuable networks to create new opportunities and resources for computing science students. Committed to contributing to the community, I focus on fostering growth and making a meaningful impact.

CMPUT 229 - Teaching Assistant

Jan 2024

Computer Organization and Architecture I

Edmonton, Canada

- As a TA for CMPUT 229, I guided students through complex topics in Computer Organization and Architecture I, conducted lab sessions, and provided valuable support through grading assignments. This role enhanced my communication and mentorship skills while contributing to students' academic success.

PLACE

Oct 2023

Software Engineer Job Shadow

Edmonton, Canada

- Career Commitment and Software Development Exposure: Dedicated to a software development career, prioritizing continuous learning. Mentored by Roberto Moreno and PLACE team, fostering passion through expertise. Secured job shadow experience with a 2nd place in DevelopEd 2.0 Hackathon, gaining deep insights into day-to-day responsibilities.

Dev Edmonton Society

Sep 2023

Hackathon Winner

Edmonton, Canada

- Project Leadership and GitHub Management: Co-founded and led "Scheduler" development, ensuring a responsive UI. Managed GitHub for version control and collaborative development.

Compass Group Canada Ltd.

May 2023 - Sep 2023

Lead Supervisor

Edmonton, Canada

- Dynamic team leader with operational excellence, committed to high standards, customer satisfaction, adept problem-solving, and efficient coordination for top-tier service delivery in diverse programming projects.

Projects

Scheduler | Python, Flask, HTML, CSS and JavaScript

Sep 2023

- Scheduler is a dynamic and responsive schedule-maker that has a nested, priority-based algorithm for tasks which the user considers primary or fixed in their schedule, and secondary tasks which they want to complete but don't know when.

Basic NLP Text Classifier | NLP, Text Classification, Sentiment Analysis, Confusion Matrices, Cross-Validation. Feb 2023

- This code performs basic NLP text classification with sentiment analysis, using predefined keywords. It evaluates performance with metrics, supports customization and n-fold cross-validation, and efficiently manages configuration for comprehensive assessment.

UniMates | HTML

Dec 2022

- A one-stop website guide for international Students entering Canada for the first time.

Skills

Languages: Python, Java, C++, C, HTML/CSS, JavaScript, SQL, SQLite

Developer Tools: VS Code

interpersonal Skills: Leadership, Public Speaking, Time Management, Teamwork, Communications, Problem Solving, Research

Courses

Reinforcement Learning Specialization: This course teaches building Reinforcement Learning systems, exploring algorithms, formalizing tasks, and understanding RL's role in machine learning, with a focus on function approximation in categories like Artificial Intelligence, Reinforcement Learning, Machine Learning, and Intelligent Systems.

Intro to AI Course: Successfully completed an online course by Deep Learning in AI. The course was taught by Andrew Ng.

Intro to Machine Learning: Successfully completed an online course on Intro to Machine Learning by University Of London.