

Krupal Shah

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🌐 Krupal Shah

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EDUCATION

University of Alberta

Bachelor of Science in Computing Science

Edmonton, AB

Sep 2022 - Present

- Honors: GPA: 3.7 / 4.0
- Relevant Coursework: Introduction to Programming, Object Oriented Programming, Data Structures, Algorithms, Computer Architecture and Fundamentals, Discrete Mathematics.

PROJECT

Scheduler

September 2023

- A dynamic and responsive web application made using Flask and web tools such as HTML & CSS that creates an automatic schedule based on given tasks / conditions.
- It follows a priority-based algorithm giving the primary tasks more priorities than others which was implemented in python.
- Secured the second position in the Dev Edmonton Society-hosted hackathon, demonstrating robust problem-solving, coding, and teamwork skills in a highly competitive, time-critical environment.

The Dice Game

June 2023

- Designed an interactive multiplayer web game using JavaScript, HTML and CSS, where users compete to get the highest score in 3 rounds.
- Keeps track of information and changes web designs based on game responses creating a sleek look with proper information displayed.
- Created the game using JavaScript, writing well-engineered, reliable, scalable, and maintainable codes to create a fully responsive application.

Vision AI

January 2023

- Developed a Python project utilizing camera technology to identify and classify various objects in real-time, offering both visual and auditory feedback.
- Learned and implemented the fundamental concepts of machine learning, including data visualization, data preparation, model implementation, and model evaluation.

CLUBS/OTHER EXPERIENCE

NORTH CENTRAL CO-OP

Edmonton, AB

Produce Clerk

Jun 2023 – Oct 2023

- Utilize inventory management software and POS systems to maintain accurate records of stock levels and restocking as required.
- Provide excellent customer service by assisting shoppers with product inquiries, offering recommendations, and addressing any concerns.
- Work effectively as part of a team, collaborating with colleagues in other departments, and assisting with cross-training when necessary.

University of Alberta Programming Contest

February 2023

- Collaborated with a team of three programmers to solve complex algorithms within a given timeframe and came in the top 10 category.
- Won the title for the fastest coder, solving the first program within 1 minute.
- Developed efficient and optimized solutions in Python and C++.

SKILLS

- Technical Skills: Python, MySQL, C++, HTML5, CSS, JavaScript, SASS, GIT, Basics of ML and NLP, VMWare, Linux (Kali and Ubuntu).
- Expertise in programming & coding, solution design, project management, software testing.
- Proficiently demonstrates a diverse skill set, encompassing leadership, effective communication, teamwork, collaboration, problem-solving, and strong social skills.