

DIVAKAR GABA

Calgary, Alberta

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Education

Henry Wise Wood High School

Partial IB Honors Student

Sep. 2020 – Jun. 2024

Calgary, Alberta

University of Calgary

Bachelor of Science with a major in Computer Science

Sep. 2024 – May 2028

Calgary, Alberta

Experience

Calaway Park

Ride Operator

May 2023 – August 2023

Calgary, Alberta

- Managed ride operations at Calaway Park with a focus on efficiency and safety.
- Executed effective communication strategies to properly articulate ride rules and ensure guest understanding.
- Achieved recognition for exemplary performance, receiving the Employee of the Month award in July 2023.

Projects

DuoLegal | *OpenAI GPT-4, HTMLCSS, Flask*

- Designed a platform to democratize access to legal support, connecting users with pro bono or affordable legal professionals.
- Integrated an OpenAI GPT-4-powered chatbot for real-time, AI-driven legal guidance, enabling instant and accurate responses to user inquiries.
- Developed a dynamic frontend with HTMLCSS and a Flask backend, ensuring seamless functionality and system reliability.

Algorithmic Crypto Bot | *Python, Pandas, NumPy, Flask, Jinja2, Plotly, Random Forest, Logistic Regression*

- Developed an algorithmic trading bot using Python, Pandas, and NumPy to implement a moving average crossover strategy, achieving 5% simulated ROI improvement through backtesting and real-time market simulations.
- Built a dynamic Flask-based dashboard with Jinja2 and Plotly, enabling real-time visualization of market data, performance metrics, and trading insights, enhancing usability and decision-making.
- Integrated machine learning models (Random Forest, Logistic Regression) to predict market trends, improving strategy accuracy and adaptability to changing market conditions.

Technical Skills

Languages: Python, Flask, Java, HTML, JavaScript

Developer Tools:

Technologies/Frameworks: OpenAI GPT-4, Pandas, NumPy, Jinja2, Plotly, Random Forest, Logistic Regression

Leadership / Extracurricular

Model United Nations

Director General

- Spearheaded the organization of a city-wide Model UN conference, demonstrating exceptional hard work and perseverance in ensuring its success.
- Directed and coordinated club members in various tasks, showcasing strong leadership and organizational skills.
- Managed three crucial sectors of the club: Tech, Media, and External Affairs, overseeing their respective responsibilities and ensuring seamless collaboration.
- Contributed to the expansion of club membership to 50–60 active participants, positioning it as the largest and most prominent club on campus. Garnered multiple Best Delegate certifications, reflecting outstanding performance, diplomacy expertise, and immense public speaking experience.
- Secured a total of 5 awards to date, demonstrating consistent excellence and leadership in Model UN conferences.