

EMPLOYMENT

Data Analyst, Intern

Carpathy

June 2022-October 2022

- Maintained large databases and used various statistical techniques to collect, analyze, and interpret data from customers and partners.
- Identified and cleaned any data issues from large data sets, improving data accuracy and reducing analysis time by **30%**.
- Conducted data analysis and identified key insights that led to a **10%** increase in their sales.
- Assisted in the creation of reports and dashboards to communicate data insights.

EDUCATION

Hamilton, ON

McMaster University

Fall 2023 – Present

- Bachelor of Applied Science in Honors Computer Science, with a perfect cumulative GPA of **4.0/4.0**.
- Relevant Coursework: Linear Algebra, Calculus, Discrete Mathematics, Software Design, Computational Thinking and Business Data Analytics.

TECHNICAL EXPERIENCE

Projects

- **Electric Vehicle Market Size Analysis:** Conducted comprehensive analysis utilizing historical EV registration data to assess market penetration, forecast future growth trajectories, and identify pivotal trends driving market expansion.
- **Sudoku Solver:** Developed a Sudoku solving application featuring a graphical user interface using C. Implemented backtracking and recursion algorithms to efficiently solve Sudoku puzzles of varying difficulty levels.
- **Sentiment Analysis:** Engineered a sentiment analysis tool in C, leveraging VADER and rule-based sentiment analysis techniques. This project involved comprehensive data preprocessing, feature extraction, and sentiment scoring, enabling enhanced understanding of textual sentiment.

EXTRACURRICULARS

- **Project Lead, McMaster Mathstronauts:**
 - Orchestrated and led coding project development workshops, fostering innovation and technology within the club.
 - Participated in workshops, hackathons, and collaborative projects to continually enhance my technical skills, gaining hands-on experience across diverse technology domains.
- **General Member, Google Developer Student Club:**
 - Pursued and enhanced technical skills through exposure to diverse Google technologies, staying updated on industry trends and advancements.
 - Engaged in tech collaboration and innovation within a supportive student community.
- **GDSC Hackathon Participant:** Crafted a Rotten Fruit Classification model which could classify fruits as rotten or fresh and predict freshness duration, showcasing proficiency in machine learning and innovation.

Languages and Technologies

- C; C++; Python (Numpy, Pandas, Matplotlib, Seaborn, Scipy); HTML; CSS; JavaScript; Elm; SQL
- Visual Studio; MATLAB; Git; Github; MySQL; Linux; Latex; Excel