

# Jibin Im

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## Skills & Certifications

**Languages:** Fluent in Python and Java; **Conversational Proficiency** in C, JavaScript, SQL, R, VBA, HTML, and CSS

**Certification:** Data Analysis with Python – FreeCodeCamp

**Technical Skills:** Power Bi, Microsoft Excel, Microsoft Word, and GitHub

## Education

Wilfrid Laurier University

Waterloo, ON

- **Honours Bachelor of Science in Data Science, Co-op Program**

Expected Graduation 2027

## Hackathons

Unisear: Simplifying University Search

February 2025

- During the **Hack Canada** hackathon, improved the accuracy and relevance of the university information using a **ML model** with **vector databases**, utilizing python libraries such as **FAISS, Numpy, Pandas, and Sentence Transformer** to analyze and categorize user inquiries
- Enhanced the quality and usability of the web-scraped data, filtering out random text and allowing the data to become more usable and organized using libraries such as **NLTK** and **Regex** to filter out random text

F.A.S.T: Identifying Strokes Easier

March 2025

- In the **Data Minds** hackathon, independently developed an **AI/ML model** using Pytorch's **CNN** to identify whether a person was experiencing a stroke through a picture
- Improved the model's performance through image augmentation, manually searching for images to expand the training dataset. and adjusting hyperparameters, achieving a final accuracy of ~85%

## Projects

Credit Card Fraud Prediction

August 2024

- **Developed** a model to predict fraudulent transactions **by utilizing** Python libraries such as Sci-kit Learn, Pandas, Numpy, Matplotlib, and Seaborn **to clean and analyze the data**
- **Achieved** a final accuracy of 99.91% in fraud prediction **by using** different models and a voting classifier

Financial Analysis

March 2025

- Downloaded transaction data from TD Bank, then put it into a CSV file to **clean and categorize** transactions using Excel
- Designed a **Power BI** dashboard to understand the current financial situation better, editing the cleaned data and then visualizing through graphs and tables to see where and how much money was being spent

Database Design & Query Assignment

December 2024

- Ensured data integrity and reduced redundancy in a student information database by creating tables that followed to **Boyce-Codd Normal Form**
- Analyzed key student data by developing SQL queries to extract information and optimize retrieval, leading to more efficient data access

## Experience

Over the Counter Pharmacy Associate

Kitchener, ON

Walmart

June 2023 – April 2025

- Collaborated effectively by communicating and delegating tasks with coworkers to enhance efficiency, successfully completing unexpected large orders by the end of the day
- Independently worked on weekends, balancing stocking and giving prescriptions efficiently
- Developed strong attention to detail and multitasking skills by confirming government-issued details, including name, date, and ID, while processing transactions and attending to customer service

Teaching Assistant

Waterloo, ON

Department of Computer Science & Physics, Department of Mathematics

September 2024 - Present

- Assisted student understanding of complex concepts by breaking down questions into simple steps using examples, developing strong **communication skills**