

YASH AGARWAL

Entry Level Software Developer

+1-647-783-0076

Mississauga, ON

@ yashleo81@yahoo.com

github.io/YashAgarwal-alt

EXPERIENCE

Logistics and Data Analytics Intern

Habitat for Humanity

06/2019 - 08/2019 Mississauga, ON

Habitat for Humanity is a global nonprofit organization dedicated to providing safe and affordable housing for disadvantaged communities worldwide.

- Successfully executed **logistics** and sourcing operations, resulting in improved **efficiency** for both B2B and B2C customers.
- Utilized trend analysis to uncover market patterns, driving strategic **decision-making** and **enhancing business growth** and operational efficiency.

Market Data Analysis Intern

Spurk Services Inc.

04/2021 - 09/2021 Brampton, ON

- Conducted thorough data analysis utilizing **Tableau**, **PowerBI**, and **Excel** to uncover market trends and insights.
- Created visually compelling **dashboards** and **reports**, effectively presenting complex data in a clear and concise manner.

Software Development Intern

Spurk Services Inc.

04/2022 - 09/2022 Brampton, ON

- Managed **databases**, performed **SQL queries**, **datamining** and ensured data accuracy for efficient data analysis.
- Enabled **collaboration** with cross-functional teams, providing technical support and delivering **impactful solutions** for software development initiatives.

PROJECTS

DeerChat

01/2022 - 04/2022

DeerChat is a social media platform for university students that allows them to communicate anonymously through forums.

- Mocked up app on **Figma** and used **Jira** for project management.
- Utilized **MERN** stack consisting of **MongoDB**, **Express**, **React** and **Next.js**

Zeroshot Unsupervised Machine Translation Model

01/2023 - 04/2023

An unsupervised zeroshot neural network for multilingual machine translation system.

- Utilized **BERT**, **OpenAI**, **CLIP** and **Jupyter Notebooks** in order to create **ML/NLP** elements
- PyTorch** and **CUDA** was used to **parallelize** *Encoder*, *Decoder*, *Transformer*, *GAN*, *Discriminator* and *Translator* models.
- Created accurate machine translation models for English, French, Japanese, Arabic and Luxembourgish using datasets with over 30,000 entries each.

TidyTuesday

09/2021 - 12/2021

TidyTuesday is a global data analysis project aimed to utilize R and Markdown.

- Leveraged R and Markdown to conduct an intricate analysis of a Spotify dataset, unveiling significant correlations and extracting insightful findings.

EDUCATION

BSc Honors in Computer Science

University of Toronto

09/2019 - 06/2023

- Coursework in Software Design, Data Structures, Algorithms, Computer security, Artificial intelligence and System Programming.
- Developed several high quality projects in Computer Science, Statistics and Mathematics.

SUMMARY

As a technology enthusiast, I thrive on applying my expertise to real-world problems in computer science, statistics, and machine learning. With a strong aptitude for collaborative teamwork and independent problem-solving, I continuously seek opportunities to expand my skill set and apply it to practical scenarios. Committed to overcoming obstacles, I have built a robust project portfolio focusing on data analysis and machine learning, demonstrating my dedication to delivering impactful solutions.

SKILLS

Developer Skills

Java	C	Javascript/Typescript	Python
HTML/CSS	SQL	R	Microsoft Office
PowerBI	Tableau		

Project Management

Git/GitHub	Jira	Postman	Docker
Jira	Figma	LaTeX	

Frameworks

React	Next	Node	Express
PostgreSQL	Jupyter Notebooks		
MongoDB	Firebase	Neo4j	

CERTIFICATION

Data Analytics Professional Certificate

Google & Coursera - 2023

LANGUAGES

English	●●●●●
Hindi	●●●●●
Bengali	●●●●●
Spanish	●●●●●

VOLUNTEERING

Volunteer

Chartwell Heritage Glenn Retirement Residence

2022 - Present

- Organized and hosted events, fostering a positive environment for senior citizens and facilitating meaningful interactions.