

# Aathithya Ananth

647-657-7609 | [aathithyaananth@gmail.com](mailto:aathithyaananth@gmail.com) | [lnkdin:aathithya-ananth](https://www.linkedin.com/in/aathithya-ananth) | [github.com/XDAathi](https://github.com/XDAathi) | [xdaathi.github.io/Website/](https://xdaathi.github.io/Website/)

## EDUCATION

### University of Toronto

Sep. 2024 – Current

*Honors Bachelor of Science (Co-op), Major in Statistics & Economics, Minor in CS*

*Toronto, ON*

- **Relevant Coursework:** Intro to DataSci, Intro to CS I & II, Linear Algebra, Intro to Probability
- **Clubs and Activities:** Google Developer Student Group, UofT Swim, UofT Chess

## PROJECTS

### Car Accidents & Manufacturing Data Analysis | *Python, Matplotlib, Pandas, NumPy, Jupyter Notebooks*

- Built **predictive models** for accident and car evaluation datasets using **Python**.
- Applied machine learning techniques: **classification**, **regression**, and **data preprocessing**.
- Used **pandas** and **scikit-learn** for **feature engineering** and model development

### Bin Buddy | *PostgreSQL, Supabase, React, JavaScript, Python*

- Developed a full-stack web application using **React** & **Python** that allows users to take picture of any item and recommends the best disposable practice & nearby locations on maps. (**Hackathon Winner**)
- Utilized **PostgreSQL** with **Supabase** backend to host user data, implemented **row-level security**, and developed image binning system for user-provided files.
- Engineered core backend logic using **JavaScript** and **Python**, additionally added Google Auth for smoother user experience.

### Fake News Identifier | *Python, Scikit-learn, BeautifulSoup, Pandas, Matplotlib, Seaborn*

- Built a machine learning model to classify fake news utilizing **TF-IDF vectorization**, to measure how important certain terms are in the news itself and **logistic regression** on labeled news datasets.
- Implemented **web scraping** via **BeautifulSoup** to extract article text directly from input URLs.
- Utilized **Matplotlib** and **Seaborn** to visualize feature importance, class distribution, and model evaluation metrics such as accuracy and confusion matrices.

### Portfolio Website | *React, JavaScript, Vite, TailwindCSS*

- Developed and deployed a multi device supported personal portfolio using **React**, **HTML**, **Tailwind CSS**, and **JavaScript**.
- Used **GitHub Pages** for deployment.

## LEADERSHIP & EXPERIENCE

### Google Developer Group: Marketing Lead

Oct. 2024 – Present

*University of Toronto*

*Toronto, ON*

- I **lead** weekly team meetings regarding the clubs promotional strategies and content creation.
- I **organize** and assign tasks to 11 other team directors, while ensuring they **communicate** throughout the projects and complete their tasks in a timely manner.
- I also manage the GDG social media account, responding to questions and **collaborating** with other clubs for engagement.

## TECHNICAL SKILLS

**Programming & Data Science:** Python, R, Swift, C, C++

**Databases & Data Platforms:** PostgreSQL, MySQL, SQL Server, Supabase, Firebase

**Machine Learning & Statistics:** Scikit-learn, Pandas, NumPy, Statistical Modeling, Predictive Analytics

**Data Visualization & BI Tools:** Tableau, Power BI, Matplotlib, Seaborn

**Cloud & Data Engineering Tools:** Supabase, Git, GitHub

**Other Tools & Skills:** Microsoft Excel (Strong), Data Mining, Dashboard Development, Data Cleaning