

Aathithya Ananth

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EDUCATION

University of Toronto <i>Honors Bachelor of Science (Co-op), Major in Statistics (Pursuing Data Sci & ML Specialist) Sep. 2024 – Current</i>	Toronto, ON
Sir Oliver Mowat C.I <i>High-school Diploma</i>	Toronto, ON Aug. 2014 – May 2018

EXPERIENCE

Marketing Lead (Google Developer Group) <i>University of Toronto</i> <ul style="list-style-type: none">Contributed towards event promotion, content creation, and community engagement.Designed marketing materials, managed social media outreach, and coordinated campaigns to increase developer participation.	October 2024 – Present Toronto, ON
ExecutiveGenAI Genesis (Canada's Largest AI Hackathon) <i>University of Toronto</i> <ul style="list-style-type: none">Led marketing efforts to boost engagement and awareness for GenAI Genesis events.Developed promotional content leveraging AI tools to optimize outreach and maximize visibility.	October 2024 – March 2024 Toronto, ON
Lifeguard <i>Toronto Pan Am Sports Centre</i> <ul style="list-style-type: none">Ensured swimmer safety by monitoring pool areas and performing water quality checks.Administered first aid and CPR and enforced safety regulations while delivering customer service.	October 2024 Toronto, ON

PROJECTS

DS3 Datathon Project <i>Python, Matplotlib, Pandas, Numpy, Git</i> <ul style="list-style-type: none">Cleaned and preprocessed a dataset with nearly 2 million rows, ensuring data integrity and readiness for statistical modeling.Applied multiple statistical models (logistic regression, decision trees, random forests, XGBoost) and selected the best-performing model through cross-validation, achieving 94%, 92% accuracy.Created visualizations using Matplotlib and Seaborn to highlight key patterns and support model interpretation.
Ability <i>Python, Swift, SwiftUI, Blender, Gemini</i> <ul style="list-style-type: none">Designed an iOS application that helps disabled individuals create custom 3D-printable prosthetics and attachments.Engineered a prompt-processing system using Gemini AI to generate 3D model instructions based on user input.Integrated Gemini, Groq, and Blender to automate CAD model generation, enabling users to download and print customized designs.
TripQuick <i>Python, JavaScript, React, Django</i> <ul style="list-style-type: none">Developed TripQuick during Hack the Valley 9, a travel recommendation application personalizing destination suggestions.Implemented web scraping techniques to gather and analyze reviews, enhancing the accuracy of recommendations.Collaborated in a team to integrate Django backend and React frontend, ensuring a seamless user experience.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, C#, HTML/CSS
Frameworks: React, Node.js, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Firebase, Android Studio, VS Code, PyCharm, IntelliJ, Jupyter Notebooks, Excel, LaTeX
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn