

Mohamed Tayeh

mohamedtayeh.com • Toronto, Ontario

EDUCATION

University of Toronto

Graduation November, 2022

Honours Bachelors of Science, Computer Science Major and Statistics Specialist (Machine Learning & Data Mining)

- [Lester B. Pearson Scholar](#)
- University of Toronto Scarborough Dean's List
- cGPA: 3.80 (out of 4)
- Graduating with High Distinction

Full list of awards: mohamedtayeh.com/highschool under Distinctions

WORK EXPERIENCE

Temerity Analytics Inc.

May 2020 – August 2021

Full Stack Developer & Data Analyst

Toronto, ON

- Temerity Analytics is a marketing cloud services provider start-up (temerityanalytics.com)
- As a full stack developer and data analyst, I developed features in Angular and Django, and researched and analyzed data in R
- Developed and co-created 2 pages deemed essential by clients and CEO that included: data filtering capability, Google Map and charts that depend on map navigation
- Refactored, documented and tested over 100 Django RESTful APIs to improve speed performance by 70%
- Integrated Google Maps library in 7 pages throughout the platform
- Proposed a new QA testing procedure, leading to weekly uncovering of bugs and a more stable code base
- Proposed and developed a documentation project to improve service documentation for clients, and coding practices for the development team
- Researched, obtained and cleaned key datasets used through all map features on the platform

PROJECTS

Twitch Chat Bots & Overlays

September 2021 – Present

- Developed a twitch translator chat bot used by 35 streamers to break language barriers, deployed on AWS
- Developed twitch overlays that react to chat commands used by 10 streamers to enhance chat interactivity

Datalytic - datalytic.ml

May 2022 – August 2022

- Datalytic is a dashboard platform targeting business owners on a budget to aggregate and analyze their review app and social media feedback using Natural Language Processing
- Led content and UI/UX design based on metrics appealing to content creators and small business owners
- Developed features and reusable components in React and Express: ML API wrapper, authentication, charts
- Deployed website using GitHub Actions for CI/CD, docker and digital ocean virtual machines

COVID-19 Vaccination Tracker - covid.mohamedtayeh.com

March 2022 – May 2022

- This project aimed to simplify COVID-19 vaccination worldwide statistics visualization
- Developed features and reusable components using React and GraphQL: Google Maps, data pipelines, MongoDB database schemas
- Set up sentry and discord bot for monitoring on errors and transaction speed

Full list of projects with demo: mohamedtayeh.com/portfolio under Projects

SKILLS & INTERESTS

- **Languages:** Typescript, JavaScript, Python, SQL, R, Java, C
- **Frameworks:** Django, Express, Angular, React
- **Databases:** PostgreSQL, MongoDB, Neo4j
- **Cloud:** AWS, Digital Ocean, Docker, Nginx
- **Interests:** Services to make life efficient, Scalable services, Calisthenics, Anime, Streaming