

EDMOND O. UMOLU

SOFTWARE DEVELOPER - Graduates in April 2020

@ edmond.umolu@mail.utoronto.ca
in linkedin.com/in/edmond-umolu/

647-919-7929 Brampton, Ontario
github.com/Luid101

edmondumolu.me



EXPERIENCE

Software Developer

The Regional Municipality of York

May 2018 – September 2019 Aurora, Ontario

- Picked up a new language (PL/SQL) and started writing production level software in **less than a month**.
- Worked on a hardware tracking application that saved the region **\$50,000** in recovered hardware costs. (Javascript and PL/SQL).
- Created a web app that **Aprx. 70 paramedic students** at the region currently use to log hours towards finishing their medical program. (Javascript and PL/SQL).
- Developed graphs and forms, one of which was used by the head of the branch to modify a major process workflow at the region. (PL/SQL).

Teaching Assistant

University Of Toronto

January 2018 – present Mississauga, Ontario

- Helping professors **teach 1000+ undergrads** at the University of Toronto.
- Created questions that targeted areas where students systematically struggled.

PROJECTS

Limited Docker Clone

Web App - University of Toronto, Class Project

Project duration: 3 Weeks

- Created a web app that processes thousands of requests per second over multiple computers.
- Our system, **Partitions data** and ensures **Consistency**, with reference to the CAP theorem.
- It also **fully recovers** from partial database and service failures.
- We used **Java** to run the servers. **Python** scripts for monitoring the server's components, and **Bash** scripts for orchestration.

Machine Learning Workshops

Workshop - University of Toronto, HackLab

Project duration: 3 Months

[Project Github Link](#).

- Ran workshops for **around 30 students** at UofT.
- Helped them understand and implement **Reinforcement Learning** and **Neural Networks**.
- Together we **created 3 practical ML projects**.

MY LIFE PHILOSOPHY

"If it's the easy way or the fun way, I'll take the fun way."

MOST PROUD OF



Saving York Region > \$50,000

Worked on a web app that saved the region money by tracking hardware costs.



Creating a Docker Clone

Got to really explore how docker works, and gained an appreciation for the CAP theorem.



Creating a Web App for Paramedics

Developed a web application that **Aprx. 70+** paramedics in York Region currently use to track working hours.

STRENGTHS

Passionate

Jack of All Trades

Team Player

Angular

Java

React

HTML-CSS

JavaScript

Machine Learning

Database Management

PROG LANGUAGES

Python



JavaScript



Java



PL/SQL



EDUCATION

Bachelors of Science (4th year)
Computer Science (CGPA 3.35)

University of Toronto

Sept 2015 – April 2020