Ali Adam

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Skills_____

- Java, Python, JavaScript, HTML, CSS, React, Node JS, SQL, C/C++, C#.
- Leadership, Lifelong Learning, Curiosity.

Eduction_____

York University   Toronto, Ontario
BSc in Computer Science   Sep 2017 – Present

- Design & Analysis of Algorithms (A+), Software Design (A), Operating Systems (A+), Computer Organization (A), Database Systems (A), Big Data Systems (A+).

Work Experience _____

York University   Toronto, Ontario
Teaching Assistant   Jan 2022 – Present

- Lead Teaching Assistant in labs for EECS 2021 (**Computer Organization**) and EECS 3201 (**Digital Logic Design**) for **100+** Students.
- Assisted students in understanding **Computer Science** concepts, including **Hardware,** and **Software.**
- Delivered midterm and exam review **tutorials**.

Ontario Power Generation   Bowmanville, Ontario
Software Developer Intern   Jan 2021 – Aug 2021

- Supported software engineering projects in an **Agile** work environment.
- Used **JavaScript**, **HTML**, and **CSS** to develop the plant's wide dashboard's Front-end and **C#** for the Back-end, **T-SQL** to create tables, views, queries, and stored procedures for the company's database.
- Created tools to **automate** report generation process and to automatically fill documents from databases, **saving 24 hours a quarter**

Projects_____

Apriori Algorithm

- Implemented **Data Mining** algorithms using **Java** to compute frequent item sets efficiently
- Algorithms: Apriori, PCY, Multihash, Sampling, SON.

Fake News Detector

- Currently working on developing a fake news detector with **Machine Learning** using **Naïve Bayes** classifier and **TF-IDF** for data vectorization
- The model will be deployed as a **Flask** application with **ReactJS** front-end.

IPChangeNotify

- A background process using **NodeJS** that routinely checks the external IP address of the computer and sends an email via **Node-mailer** to the user with the new IP address if it changes.