YOUSSEF ZAYED

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Work

Data Engineering Mentor - Udacity

04/2019 - 04/2020 **mentor** to students Ottawa, ON.

- * Worked at **Udacity**, an online learning platform, as a **mentor** to students undergoing the **data Engineering Nanodegree**.
- * Accompanied over **50 students** through their nanodegrees by providing support to create a **personal connection**.
- * Clarified topics such as **data modeling** to students in a manner that was easy to understand.
- * Demonstrated the utilization of technologies such as using **Amazon AWS** to create a **data warehouse** in order to guide the student's learning.

Software Engineer Intern - Nokia

07/2018 - 08/2018

Ottawa. ON.

- * Collaborated with the networking **product diagnostics** team at Nokia to **optimize** the diagnostics process.
- * Modernized legacy **Perl scripts** by redesigning them in **Python** to **improve scalability** as well as increase future compatibility.
- * Leveraged TCL code on a remote low-level Linux environment to locate bugs.
- * Implemented inventory tracking for server devices through the use of Bash scripts and Jenkins for a team of 9 engineers to receive via automated email improving overall efficiency.

Projects

Real estate e-commerce website

Since 3/2020

- * Co-founded a real estate startup leveraging social media marketing and **machine** learning to ensure optimal benefit for both customers and sellers.
- * Devised a **NodeJS** backend connected to a **MongoDB** database to store and update real estate listings as well as other miscellaneous functions.
- * Designed a **ReactJS frontend** with a focus on a minimalist **UX and UI** principle to ensure a pleasant user reaction.
- * Created an Ai model using TensorFlow which reveals the most promising estates...

Community

Participated in multiple Hackathons including (CuHacking, Qhacks, MakeUofT)

Since 2019

Tetra - supporting people with disabilities

Since 2019

Mentor to High School First Robotics Team

Since 2020

Chairman and founder of First Robotics Competition Team

2018-2019

Education

Bachelor of Computer Science - Carleton University

Concentration in Algorithms. CGPA 11.50/12.0 (A+).

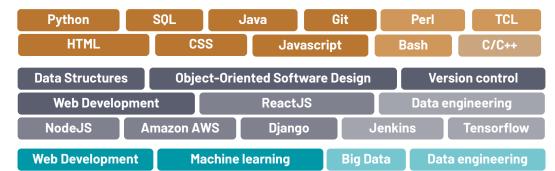
09/2019 - 04/2023 Ottawa, ON.

03/2018-10/2018

Full-Stack web developer Nanodegree - Udacity

- * Learned **frontend and backend web development** and implemented projects in order to apply skills learned
- * Built a **dynamic** software application **backend** systems using the **Python** programming language and **Flask** application framework.

Languages



Skills

Interests