# YOUSSEF ZAYED

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#### work

#### **Software Engineer Intern - Nokia**

- \* Contributed to the networking product diagnostics team at Nokia by improving the team's pipeline.
- \* Transformed legacy Perl scripts used to creating map files by redesigning them in Python to improve scalability in the product creation process.
- \* Leveraged TCL code on a remote low-level Linux environment to locate problem areas and eliminate bugs.
- \* Optimized inventory tracking by displaying an updated view of inventory through the use of **Bash** scripts and **Jenkins** for a team of 9 engineers to receive via automated email improving overall efficacy.

## Full Stack and Data Engineering Mentor - Udacity

- \* Explained and expanded upon different Full Stack and Data Engineering concepts covered in Udacity's nanodegree through personalized meetings
- \* Established a personal connection with 50 students at a time, encouraging and supplementing and accelerating their learning
- \* Dissected complex concepts such as the fundamentals of data warehouse and distributed computing improving the student's understanding
- \* Created and explained projects utilizing technologies such as Amazon aws, spark and javascript in order for them to create them seamlessly.

#### community

## Tetra - supporting people with disabilities

- \* Partnered with the Tetra organization and a local children's' hospital to help children with disabilities overcome some of the physical obstacles
- \* Worked to develop a more accessible sport for those with severe disabilities to allow them to play with their peers and build a sense of teamwork
- Prototyped a device to attach to an electric wheelchair to show as a proof of concept to gather funding to continue the project

#### Mentor to High School First Robotics Team

**Chairman and founder of First Robotics Competition Team** 

2018-2019

Since 2020

#### education

### **Bachelor of Computer Science - Carleton University**

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

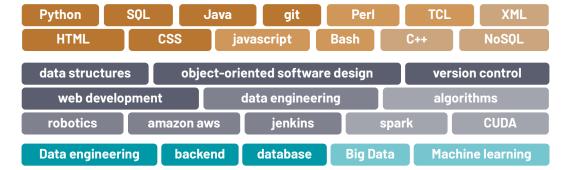
## Full-Stack web developer Nanodegree - Udacity

- \* Learned the fundamentals of frontend and backend web development and developed projects to apply skills learned
- \* Built a dynamic software application backend systems using the Python programming language and Flask application framework.
- \* Configured and deployed websites to the cloud using Amazon AWS

#### languages

skills

interests



06/2018 - 07/2018

Ottawa, ON.

Since 4/2019 Ottawa, ON.

Since 9/2018 Ottawa, ON.

09/2019 - 04/2023 Ottawa, ON.