Ahmed Abdelfattah

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EXPERIENCE

Vehikl, Waterloo, ON —Full Stack Software Developer

October 2021 - PRESENT

- Engaging with small and large clients to develop software solutions while adhering to their software development life cycles
- Building RESTful APIs using Laravel that served millions of data to the mobile application
- AWS administration that included EC2, Elastic Beanstalk, CodePipeline, and S3
- Building maintainable SPAs and modular websites using React.js and Vue.js

York University, Toronto, ON — *CCTV Operator*

November 2020 - October 2021

- Guaranteeing that York University's CCTV cameras are kept an eye on consistently and in great working demand, with the important advances taken if and when a breakdown is related to a camera.
- Responsible for directing occasional zone checks for CCTV cameras to inform the Security Control Center of anything distinguishable.
- Accountable for nightfall client assistance and support to patrons utilizing the University's Parking services.

EDUCATION

York University, Toronto, ON — *BSc. (Honors) Computer Science*

September 2018 - June 2021

Relevant Coursework: Advanced Object Oriented Programming, Design and Analysis of Algorithms, Introduction to Database Systems, Advanced Data Structures, Building E-commerce Systems, Operating System Fundamentals, Software Engineering Testing, Data Mining, Software Design

American University of Sharjah, Sharjah, UAE — *BS. Computer Science*

October 2016 - December 2017

PROJECTS

SKILLS

Libraries/Frameworks:

Vue.js, React.js,Electron.js, Express.js, Handlebars.js, Bootstrap, Node.js, Laravel

Databases:

MySQL, SQLite, DB2, MongoDB

Testing:

TDD, JUnit, Jest, PHPUnit

Other:

Git, AWS, Linux/Unix, API, RESTful, Tomcat, Google Analytics, Maven, Tomcat

Languages:

Java, Javascript/Typescript, PHP, C++, Python, Swift(familiar), HTML/CSS

LANGUAGES

English, Arabic

Twizzle Library — *React Component Library*

https://twizzlelibrary.com/

- Developed a Lightweight React Component Library using React and Typescript
- Built library on Test Driven Development principles (TDD)
- Release an open source package on Node Package Manager (npm) with and MIT License

Canadian Vaccine Search— Web Project

Previously: https://canvaxsearch.com/
Git Repository: https://github.com/ahmedwab/CANVAXHUNTING

- Analyzed Canadian Vaccine data in order to filter vaccine availability results based on user input.
- Developed a notification system that targets certain individuals whenever a new vaccine clinic is available.
- Utilized Twitter API to read and analyze tweets in order to retrieve best results for the user.

Tello Drone Face Tracking— OpenCV/ Python

https://github.com/ahmedwab/TelloDrone_FaceTracking

- Utilized computer vision to detect faces using a Tello Drone camera
- Analyzed movement tracking to determine drone position
- Engaged with the Tello Drone SDK to make requests to allow drone to move along with a user