ZIYAD TAHLILKAR

6476875160 | ziyadtahlilkar@hotmail.com | www.linkedin.com/in/ziyadt | https://github.com/ZiyadT

EDUCATION

McMaster University – Hamilton, ON – Automotive Engineering (Bachelors) **09/2017 – 01/2022**
Mohawk College – Hamilton, ON – Project Management (Technical Certificate) **09/2017 – 01/2022**
General Assembly – Toronto, ON – Software Engineering Immersive **03/2022 – 06/2022**

SKILLS/CERTIFICATIONS

- HTML/CSS, Java, JavaScript, C/C++, Python, MATLAB Simulink, Excel (VBA), Linux/Unix
- Express, NodeJS, AJAX, ReactJS, Django, MongoDB, PostgreSQL, OracleDB, REST API's and JSON
- AWS Certified Cloud Practitioner (CLF-C01)
- AWS Certified Solutions Architect Associate (SAA-C03) *In progress*

EXPERIENCE

Software Developer, Infosys **06/2022 – Present**

Mississauga, Ontario

- Went through extensive training in relevant technologies such as: Java, Python, SQL, Linux, and AWS
- Was challenged rigorously as part of a high-performing team of 15 trainees to solve complex problems with a high level of abstraction in a software development environment

Software Developer Intern, Pratt & Whitney Canada **01/2020 – 05/2020**

Mississauga, Ontario

- Created a data reduction tool in Python and VBA for aircraft compressor test results that will help engineers determine the efficiency and airworthiness of various Pratt & Whitney Canada Engines
- Used various libraries and modules to import data from Oracle Databases and FTP servers and manipulate it to become readable, some of these modules would include: pandas, numpy, ftplib, and cx_Oracle

IT Help Desk Engineer, Eclipse Technology Solutions **05/2019 – 09/2019**

Mississauga, Ontario

- Provided technical support and troubleshooting for hundreds of incoming queries and issues related to networking hardware and software in a busy technology office catering to high profile clients
- Kept track of thousands of incoming and outgoing inventory units in the warehouse using Excel

PROJECTS/EXTRA-CURRICULARS

Deep Learning – Face Mask Detection

- Designed and trained deep learning model using keras/tensorflow and OpenCV to detect whether someone is wearing a mask or not
- Trained the model using a dataset containing 1400 images (700 with masks, 700 without masks)

MERN Stack CRUD Application – WeatherWatch

- Designed and built a fully functional web application that allows users to enter the name of a city or geographical coordinates and returns the temperature for that specific region – alongside other weather parameters like humidity, wind speed, and air pressure (pulls data from the OpenWeather API)
- Features a clean and simple UI with full CRUD functionality as well as token-based authentication

Python GUI – UFCstats

- Built an interactive GUI using tkinter that uses BeautifulSoup4 to scrape text and image data of over 600 fighters on the UFC roster from the official UFC website
- Displays the data in a clear and readable format alongside an up-to-date image of the fighter that was selected from the roster