**Salah Zahran**

(315)-243-3422 | SalahZahranai@gmail.com | GitHub: <https://github.com/Salah3422>

# **Education**

**State University of New York College at Buffalo** Buffalo, NY

*Master of Science: Data Science & Analytics* May 2024

* 3.70 GPA

*Bachelor of Science: Computer Information Systems* May 2021

* 3.71 Cumulative GPA
* Dean’s List, *Magna Cum Laude*

# **Skills**

**Technical:** Python, HTML, CSS, JavaScript, SQL, Flask, Django, Selenium, Pandas, Scikit-Learn, Data Visualization/Analysis, Microsoft Excel, Git/GitHub, Windows, Linux

**Language:** English (Native), Arabic (Fluent)

# **Relevant Experience**

**Sidearm Sports** (part-time) Syracuse, NY

*Stream Support Specialist* August 2021 – Current

* Collaborate with development team and provide technical support to troubled clients
* Monitor over 100 live streams and troubleshoot any incoming errors/disconnections

**Web Scraping Database**

*Sole Developer Project* June 2022 – August 2022

* Scraped HTML table data from an online database website with selenium software
* Cleaned & formatted data frame of 10,000+ total scraped data entries within 10 seconds
* Developed a GUI window application using Tkinter allowing user search for an object from data by name & output all its statistics – resulting in full stack application

**State University College at Buffalo** Buffalo, NY

*API Developer Intern* January 2021 – May 2021

* Researched & referenced Qualtrics documentation, constructed an API development project over course of 4 months to be potentially used by administrators and advisors
* Implemented an API to fetch and display school data belonging to over 500 different courses through self-service system upon request via Qualtrics Survey

**SURC & CCSCNE Research Conferences** (Virtual)

*Student Researcher* January 2021 – May 2021

* Researched Deep Learning principles/algorithms, focusing on object detection models,
* Devised methods to increase accuracy by altering aspects of NNs e.g., backpropagation
* Developed a back-end application with Django, loads an object detection model via API call and outputs result on a webpage upon user input, presented results at conferences

# **Leadership & Activities**

**Math Science Technology Preparatory School** Buffalo, NY (Virtual)

*Lead CS Tutor* February 2021 - May 2021

* Lead a group of 3 CS student tutors to teach CS principles to high school students
* Instructed high school classroom on computer science fundamentals with scratch programming and interactive activities such as game development once per week
* Constructed a curriculum plan to map-out/organize teaching process & 12 lesson plans