

Salah Zahran

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

EDUCATION

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| State University College at Buffalo | Buffalo, NY |
| <i>Master of Science: Data Science & Analytics</i> | May 2024 |
| <ul style="list-style-type: none">3.70 GPA | |
| <i>Bachelor of Science: Computer Information Science</i> | May 2021 |
| <ul style="list-style-type: none">3.71 Cumulative GPADean's List, <i>Magna Cum Laude</i> | |

RELEVANT EXPERIENCE

Web Scraping Database

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| <i>Sole Developer</i> | June 2022 – Current |
| <ul style="list-style-type: none">Scraped HTML data from a pokemon database website using Selenium softwareCleaned & formatted data involving over 900 different entries and converted to CSVDeveloped a user interface by programming a GUI app with Tkinter to identify an object from data upon search request & output all of its statistics | |

Sidearm Sports

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| <i>Stream Support Specialist</i> | Syracuse, NY August 2021 – Current |
| <ul style="list-style-type: none">Collaborate with development team and provide technical support to troubled clientsMonitor over 100 live streams and troubleshoot any incoming errors/disconnections | |

State University College at Buffalo

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| <i>API Developer Intern</i> | Buffalo, NY January 2021 – May 2021 |
| <ul style="list-style-type: none">Researched & referenced Qualtrics documentation, constructed an API development project over course of 4 months to be potentially used by administrators and advisorsImplemented 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

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| <i>Student Researcher</i> | (Virtual) January 2021 – May 2021 |
| <ul style="list-style-type: none">Researched Deep Learning principles/algorithms, focusing on object detection models,Devised methods to increase accuracy by altering aspects of NNs e.g. backpropagationDeveloped 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 | |

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)

LEADERSHIP & ACTIVITIES

Math Science Technology Preparatory School

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| <i>Lead CS Tutor</i> | Buffalo, NY (Virtual) February 2021 - May 2021 |
| <ul style="list-style-type: none">Lead a group of 3 CS student tutors to teach CS principles to high school studentsInstructed high school classroom on computer science fundamentals with scratch programming and interactive activities such as game development once per weekConstructed a curriculum plan to map-out/organize teaching process & 12 lesson plans | |