

Sulaiman Dem-Zerigat

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EDUCATION

York College, The City University of New York (CUNY) | Jamaica, NY
Bachelor of Science in Computer Science

Graduated December 2023

RELEVANT COURSEWORK

Intro to Computing, Principles of Programming Languages, Data Structures, Artificial Intelligence, Operating Systems

SKILLS

Programming Languages: C++, HTML, Markdown, Python

Frameworks: Tensorflow, Streamlit

Technologies: Visual Studio Code, Google Colab, Git/GitHub, HuggingFace

PROJECTS

Deepfake Hunter

September 2023 - January 2024

- Created in a team of 2 a TensorFlow model to authenticate 200k+ audio files, leveraging the library Librosa for feature extraction and created a Python data pipeline automation to detect whether audio is fake or real
- Streamlined model development using Visual Studio Code and accelerated training with Google Colab Pro's GPUs
- Deployed a user-centric interface on Streamlit Community Cloud to allow users to upload audio for real-time testing

The Future of Art

August 2023

- Created a website with a team of 4 that presented the history of art and our opinion on the future of art
- Created the HTML skeleton of the website using Visual Studio Code
- Managed and organised each individual in my team to complete a certain task that related to their strengths

RELEVANT EXPERIENCE

CUNY Tech Prep | NY

Fellow

July 2023 - Present

- Learn in-demand technologies like Python 3, Jupyter Notebooks, Pandas, Numpy, Scikit-learn, and SQL as well as industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modelling, data visualisation, machine learning techniques, data science process, and big data

CUNY Career Launch - Tech Incubator | Queens, NY

Intern

July 2023 - August 2023

- Created a website using HTML and WordPress with a team of 5 to explain the fundamentals of AI and its history
- Developed a list of AI tools using Google Slides and a website with WordPress that small businesses can use to improve their company goals

SUPPORTING EXPERIENCE

Jumpstart | Jamaica, NY

Team Leader

October 2018 - May 2019

- Managed, organised, and created lesson plans for a class of 18 - 20 children aged between 4-6 in a team of 2 - 3 for a national educational program