

# 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

December 2023

## RELEVANT COURSEWORK

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

## SKILLS

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

**Frameworks:** Tensorflow, Streamlit

**Technologies:** Visual Studio Code, Google Colab, Git/GitHub, HuggingFace, Microsoft Word, Microsoft Excel, Google Sheet, Google Slides, Jupyter Notebook

## PROJECTS

### Deepfake Hunter

September 2023 - January 2024

- Collaborated with a team of 2 to develop a TensorFlow model to authenticate over 200,000 audio files.
- Leveraged the Librosa library for feature extraction and created a Python data pipeline automation to detect fake audio.
- 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, enabling users to upload audio for real-time testing.

### The Future of Art

August 2023

- Collaborated with a team of 4 to create a website presenting the history and future of art.
- Created the HTML skeleton of the website using Visual Studio Code.
- Managed and organised team members to ensure timely completion of tasks aligned with their strengths.

## RELEVANT EXPERIENCE

CUNY Tech Prep | NY

Fellow

July 2023 - May 2024

- Developed in-demand technical skills in Python 3, Jupyter Notebooks, Pandas, NumPy, Scikit-learn, and SQL.
- Gained practical experience in exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modelling, data visualization, machine learning techniques, data science processes, and big data.

CUNY Career Launch - Tech Incubator | Queens, NY

Intern

July 2023 - August 2023

- Collaborated with a team of 5 to create a website using HTML and WordPress, explaining the fundamentals and history of AI.
- Developed a comprehensive list of AI tools using Google Slides and a WordPress website to help small businesses achieve their goals.