

Sulaiman Dem-Zerigat

Austin, Texas Metropolitan Area | US Citizen | sulaimandemzerigat@gmail.com
[linkedin.com/in/sulaiman-dem-zerigat](https://www.linkedin.com/in/sulaiman-dem-zerigat) | github.com/Sulaiman-Dem

RELEVANT EXPERIENCE

Machine Operator | Randstad @ NXP | Austin, TX

February 2025 - Present

- Assist in the operation and optimization of automated manufacturing systems.
- Train in machine processes, data monitoring, and efficiency improvement techniques.
- Analyze material usage to reduce waste and enhance production quality.
- Ensure compliance with safety standards while working with advanced machinery.
- Develop problem-solving skills by troubleshooting equipment and workflow issues.

Career Break

June 2024 - February 2025

- Relocation for work and Boot.dev Back-end Development Certificate progression

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.

CERTIFICATES

- Boot.dev Back-end Development Certificate (In Progress)
- CUNY Tech Prep Data Science Certificate

Expected August 2025

June 2024

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.

SKILLS

Programming Languages: Python, Markdown, HTML, SQL

Frameworks: Tensorflow, Streamlit

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

EDUCATION

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

December 2023