

# Maggie Rosen

Phone: (919) 717-9383 | Email: marosen216@gmail.com | Chapel Hill, NC

LinkedIn : <https://www.linkedin.com/in/maggie-rosen/>

GitHub: <https://github.com/MaRos3n/Resume/blob/main/README.md>

AI enthusiast with hands-on experience in artificial intelligence and machine learning. Completed the UNC AI Bootcamp, where I gained comprehensive knowledge in data analysis, machine learning algorithms, and neural networks. Proficient in various lab techniques and software, with a background in research and data-driven projects.

## Technical Skills

Languages: Python, SQL, HTML5

Tools: GitHub, DBeaver, Excel, Seaborn, Scikit learn, TensorFlow, Keras, Databasing, Pandas, Jupyter Notebook, Prophet, Numpy, Pytorch, Prophet

## Projects

AI and Machine Learning | <https://github.com/MaRos3n?tab=repositories>

Worked on real-world projects involving data preprocessing, model building, and deployment during the UNC AI Bootcamp.

- **Cryptocurrency Stock Analysis I**  
[\[https://github.com/MaRos3n/Cryptocurrency-Analysis-\]](https://github.com/MaRos3n/Cryptocurrency-Analysis-)
- **UEFA Euro Championship Predictions I**  
[\[https://github.com/MaRos3n/UEFA-Euro-Championship-Predictor/tree/main\]](https://github.com/MaRos3n/UEFA-Euro-Championship-Predictor/tree/main)
- **Plant Identifier and Diagnosis CNN Model I**  
[\[https://github.com/MaRos3n/Plant\\_ID\\_and\\_Diagnosis\]](https://github.com/MaRos3n/Plant_ID_and_Diagnosis)

## Work Experience

**Undergraduate Lab Research Assistant | North Carolina State University** | Aug. 2019 - July 2020

Studied bacteriophage interactions with *Paenibacillus larvae*.

Utilized programs such as Geneious and NCBI BLAST.

Performed lab techniques like PCR, Plate streaking, and plaque isolation.

**Lab Assistant | Durham Technical Community College** | Dec. 2018 - May 2019

Prepared lab experiments, including making agar plates and operating autoclaves.

Conducted interesting labs such as establishing a halophile culture and a yeast spectrophotometer lab.

## Education

**Certificate, Google Data Analytics**

- Google certificate | 2024 - Present

**Certificate, Artificial Intelligence Bootcamp**

- UNC Bootcamp | 2024

**High School Diploma**

- Riverside High School, Durham, NC | 2012