NEIL NORONHA

Brooklyn, New York City | nn2685@nyu.edu | https://www.linkedin.com/in/neilnoro/

EDUCATION

New York University   Brooklyn, US
Master of Science in Computer Engineering   Expected May 2026

Manipal Institute of Technology   Manipal, IN
Bachelor of Technology in Electrical Engineering, Minor in Data Science   July 2023

EXPERIENCE

New York University   Brooklyn, US
Course Assistant   January 2025 - Present

- Implemented Python scripts to automate grading workflows for 32 students, improving efficiency by **40%**.
- **Built CI/CD pipelines using GitHub Actions** to deploy and test student coding assignments
- Created and maintained a GitLab repository for course materials, enabling version control and collaborative development
- Developed Python modules to analyze student progress data and generate detailed performance reports.

Deloitte USI   Hyderabad, IN
Data Engineer   September 2023 - May 2024

- Designed and maintained scalable data pipelines using Python and SQL to process financial data for 54 F500 clients
- **Implemented infrastructure-as-code using Ansible** for automated deployment of data processing environments
- Used **Docker containers** to standardize development and testing environments across teams
- Created **Jenkins workflows** to automate data quality checks and pipeline deployments
- **Utilized GitLab CI/CD** for continuous integration and deployment of data processing scripts

Deloitte USI   Hyderabad, IN
Data Engineering Intern   January 2023 - April 2023

- Maintained scalable data pipelines and built new API integrations to support increases in data volume and complexity
- Migrated existing SAS scripts to PySpark reducing execution time by **13%**
- Managed intricate financial data with SAS and R, leading to a notable **47%** improvement in the accuracy of audited data

General Electric   Pune, IN
Embedded Software Engineer Intern   June 2022 - August 2022

- Developed an IoT-based RFID security system reducing Loss Time Incident by **83** man hours
- Mined the entry data from the system to reduce power consumption in the test cell by **34%**
- Conducted testing and debugging procedures to ensure the reliability and effectiveness of the security system

SKILLS

- **Programming Languages and Frameworks**: Python, C++, C, SAS, R
- **Frameworks**: React, Node.js, Flask
- **Developer Tools**: TensorFlow, Git, Docker, VS Code
- **Libraries**: Pandas, NumPy, Matplotlib