

NEIL NORONHA

Brooklyn, New York City

+1 347-300-3805

✉ nn2685@nyu.edu

🌐 [linkedin.com/in/neilnoro/](https://www.linkedin.com/in/neilnoro/)

🐙 github.com/dropsaurus

Experience

Jeeva Clinical Trials Inc.

May 2025 – Present

Software Engineering Intern

Manassas, VA

- Developed Agentic AI workflows for 5 different clinical trial personas (patients, investigators, sponsors, CROs, regulators), reducing process automation time by 45%
- Built intelligent chatbot for company website using NLP and machine learning, achieving 92% user query resolution rate and reducing customer support workload by 60%

General Electric

June 2022 – August 2022

Embedded Software Engineer Intern

Pune, IN

- Developed IoT-based RFID security system using C++, reducing Loss Time Incidents by 83 man hours through automated access control
- Optimized power consumption in test cells by 34% through data mining algorithms analyzing entry/exit patterns and intelligent scheduling

Deloitte USI

September 2023 – May 2024

Data Engineer

Hyderabad, IN

- Developed SQL scripts processing 500GB+ daily financial datasets for 54 F500 clients, enhancing anomaly detection algorithms by 22%
- Designed Tableau and Power BI dashboards enabling data-driven decisions that increased client revenue by 17% on average

Deloitte USI

January 2023 – April 2023

Data Engineering Intern

Hyderabad, IN

- Built scalable data pipelines using Python and Apache Spark, supporting 40% increases in data volume while maintaining sub-second response times
- Migrated legacy SAS scripts to PySpark, reducing execution time by 13% and improving data accuracy by 47%

Projects

Library Management System | *PHP, MySQL, JavaScript, HTML/CSS* | [GitHub](#)

- Developed comprehensive web-based library management system with multi-role authentication supporting customers, authors, employees, and administrators
- Built 70+ RESTful API endpoints using PHP and PDO for book rentals, event management, room bookings, and payment processing with card, cash, and PayPal integration
- Designed normalized MySQL database with 20+ tables, stored procedures, triggers, and constraints handling complex relationships and automated invoice generation
- Implemented responsive frontend with theme toggle, real-time search functionality, and role-based dashboards serving different user interfaces

Languages and Technologies

Programming Languages: Python, C++, C, JavaScript, SQL, MATLAB, R, SAS

Frameworks & Libraries: React, Node.js, Flask, TensorFlow, Pandas, NumPy, Matplotlib, Apache Spark

Developer Tools: Git, Docker, VS Code, Linux, GitHub, Jenkins

Cloud & Databases: AWS, Tableau, Power BI, PostgreSQL, MongoDB, Redis

Other: Data Structures & Algorithms, API Design, Machine Learning, Object Oriented Programming

Education

New York University

Expected Dec 2025

Master of Science in Computer Engineering

Brooklyn, US

Manipal Institute of Technology

July 2023

Bachelor of Technology in Electronics and Communication Engineering, Minor in Data Science

Manipal, IN

Teaching

New York University

January 2025 – Present

Course Assistant - MATLAB Programming

Brooklyn, US

- Teach MATLAB programming to 32 undergraduate students, achieving 30% improvement in student proficiency scores