

NEHA SHIRWALKER

Email: neha.shirwal@gmail.com
Linkedin: [linkedin.com/in/neha-shirwalker](https://www.linkedin.com/in/neha-shirwalker)

Cell: +1 (267) 984-3370
Website: nps38.github.io/

EDUCATION

University of Texas at Austin **Austin, TX**
Master of Science in Computer Science *Class of 2026*

New Jersey Institute of Technology (NJIT) **Newark, NJ**
Bachelor of Science in Computer Science, Minor in Applied Mathematics *Class of 2024*

- **Cumulative GPA:** 3.88/4.00
- **Relevant Coursework:** Data Structures and Algorithms, Database Systems, Operating Systems, Object Oriented Programming, Data Science, Linux, Software Engineering, Technical Writing, Statistics

WORK EXPERIENCE

Colgate-Palmolive **Piscataway, NJ**
eCommerce Frontend Development Intern *June 2023 – May 2024*

- Enhanced UI for the Hill's Retail Order website and app by incorporating accessibility features and responsive design to increase user engagement by 10% and reduce bug reports by 20%

Supply Chain Analytics Full Stack Development Intern **January 2022 – June 2023**

- Developed and maintained the Colgate Data Loader in-house tool to programmatically manage data migration to a Snowflake cloud database, saving the company 75 hours per month
- Designed user interface in Google Apps Script to facilitate easy data extraction and table configuration
- Built a Flask application that uses the GitHub REST API to automate the creation of Terraform files specifying Snowflake infrastructure and commit those files to GitHub, which saved the company 60 hours per month
- Worked directly with users to receive feedback and incorporated requested features to upgrade the tool's functionality, increasing customer satisfaction by 15%
- Created data flow diagrams to improve onboarding documentation and user manual

Jabil R&D Division **Warren, NJ**
Project Management Intern *September 2023 – December 2023*

- Led the development of the Netconf Client Simulator tool, reducing radio testing time by 30% for over 200 engineers globally
- Facilitated bi-weekly standup meetings, sprint planning sessions, and code reviews, improving team efficiency by 20% and reducing project delays by 10%

Eye Level Learning **Bensalem, PA**
Mathematics and English Instructor *January 2021 – January 2022*

- Personalized curriculums for 25 students, resulting in a 30% average improvement in test scores and a 25% increase in student engagement

LEADERSHIP

Delta Phi Epsilon Sorority - Beta Eta Chapter **Newark, NJ**
Director of Finance *May 2023 – May 2024*

- Managed financial plans of 50 sisters, overseeing the collection of over \$10,000 in dues

Habitat for Humanity - NJIT Chapter **Newark, NJ**
Treasurer *January 2022 – May 2024*

- Managed an annual budget of \$3,000 for 10-15 events, resulting in a 15% reduction in event costs

SKILLS

Programming Languages: Java, Python, JavaScript
Web Development: React, HTML, CSS (Bootstrap), XML
Database-Related: SQL, PL/SQL, Oracle Database, MySQL, MongoDB, Snowflake, MS Access
Tools & Platforms: Google Cloud Platform, Flask, Terraform, GitHub, Jira, MS Office Suite
Certifications: Microsoft Excel 2016