Neha Shirwalker

Langhorne, PA | nps38@njit.edu | 267-984-3370 | https://www.linkedin.com/in/neha-shirwalker-335594205/ | https://github.com/nps38/

EDUCATION

New Jersey Institute of Technology
B.S. in Computer Science, Minor in Applied Mathematics *September 2020 - May 2024*
Albert Dorman Honors College, GPA 3.88

Coursework: Calculus I & II, Programming in Python, Programming in Java, Psychology, Physics I & II, Linear Algebra, Differential Equations, Probability & Statistics, Data Structures & Algorithms, Database Systems, Operating Systems, Computer Systems, Data Science, Programming in Linux, Software Engineering Design, Microeconomics, Macroeconomics, Mathematics of Finance, Project Management, Technical Writing

Technical Skills: Python, R, Java, JavaScript, React.js, Angular, SQL, PL/SQL, NoSQL, CSS, HTML, Microsoft Office, Google Cloud Platform, GitHub, Google Apps Script, Flask, Snowflake, Terraform, Postman, Jira, MongoDB
Certifications: Microsoft Excel 2016

EXPERIENCE

Application & Software Development Intern — *Colgate-Palmolive* *January 2022 - Present*
- Develop the Snowflake Colgate Data Loader Sheets add-on to programmatically create, append, overwrite, & delete data in Snowflake tables (Supply Chain Analytics Team)
- Design UI for add-on with Google Apps Script (HTML & JavaScript)
- Write Flask application to programmatically commit files, create new branches, open pull requests, & add PR labels using GitHub REST API
- Write technical documentation containing system architecture & write user manual
- Create Snowflake grants & objects with infrastructure as code tool (Terraform)
- Design UI/UX for Hills Retail Order (HRO) using Angular web framework (eCommerce Team)
- Incorporate accessibility features into HRO platform

Project Manager — *Jabil, Inc. R&D Division* *September 2023 – December 2023*
- Managed development of Netconf Client Simulator Wizard System
- Tracked sprint deliverables, held bi-weekly standup meetings, & reviewed pull requests
- Wrote extensive technical documentation on wizard classes & wrote user manual

Mathematics & English Teaching Assistant — *Eye Level Learning* *January 2021 – January 2022*
- Taught math curriculum for grades 1-9 with logical & critical thinking problems
- Taught young students how to read & write, including spelling & grammar lessons
- Administered level tests & recorded each student's progress

---

LEADERSHIP

Coordinator of Risk Management — *Delta Phi Epsilon Beta Eta Chapter* *December 2023 - Present*
- Enforce risk management policies & present workshops to the chapter during weekly meetings

Director of Finance — *Delta Phi Epsilon Beta Eta Chapter* *May 2023 - December 2023*
- Managed all sisters' payments, plans, & financial statuses & generated statement reports using Billhighway portal
- Count & accurately document funds raised from philanthropy & fundraising events

Treasurer — *Habitat for Humanity - NJIT* *January 2022 - Present*
- Plan organization's budget for events on a semesterly basis
- Submit purchase requests & monthly reconciliation reports using Chrome River

---

VOLUNTEER

Restore Volunteer — *Habitat for Humanity* *February 2024 - Present*
- Work on construction projects to support Habitat for Humanity's affordable living mission

Scratch Director/Instructor — *Blissful Coding Club* *March 2021 - January 2022*
- Taught students 9-10 how to create Scratch games, stories, interactive art, etc.
- Created curriculums & pre-class concept exams for beginner & intermediate classes
- Trained instructors on how to engage students in weekly check-in meetings

Python Tutor — *Association for Computer Machinery (ACM) - NJIT* *January 2021 - May 2021*
- Assisted students with Python programming assignments & coding concepts