

Nekhi Glover

Ewing, NJ | +1 609-571-6645 | nlg@njit.edu | <https://www.linkedin.com/in/nekhi> | github.com/NGlov

EDUCATION

New Jersey Institute of Technology (NJIT)

Newark, NJ

Bachelor of Science

Expected May 2026

Computer Science Major

Cumulative GPA: 3.4; Dean's List: 2022-Current;

Relevant Coursework: Data Structures & Algorithms, Discrete Mathematics, Machine Learning & Data Science, UI/UX Design, Probability & Statistics, Intensive Programming in Linux

TECHNICAL SKILLS

Languages: Python, Java, Bash Scripting, C++, Javascript, NodeJS, HTML, CSS, C, C#, SQL, MongoDB

Frameworks/Libraries/Etc. : Flask, Django, Selenium, NumPy, Pandas, BeautifulSoup, Playwright, React, Expo, PostgreSQL, Tailwind

PROJECTS

SpinSync Full Stack Application

August 2025

- Developed a full-stack web app using **Python Flask** and **React.js** that generates personalized Spotify playlists based on **100%** authenticated users' listening history with secure OAuth authentication
- Integrated key **Spotify Web API** endpoints to fetch and process **95%** of relevant user data, enabling automatic playlist creation and saving in users' Spotify libraries
- Ensured smooth frontend-backend communication using **Flask-CORS** and **fetch API**, improving data delivery and responsiveness by over **80%**

Automated Directory and File Navigator in Bash

March 2025

- Developed a Linux-based automation tool for recursive directory and file navigation using DFS
- Improved file discovery efficiency by **75%** with custom filters for 24-hour file changes

Fortran95-like Compiler

May 2024

- Built a compiler for a **Fortran95-like** programming language that performs lexical, syntactic, and semantic analysis
- Created a **Lexical Analyzer** to tokenize code, a **Parser** to correctly define syntax using EBNF rules, and an **Interpreter** for execution
- Parsed and tokenized over **1,000 lines** of code per session with **<5%** error rate

WORK EXPERIENCE

New Jersey Department of Labor - OIMSS Intern

Trenton, NJ

Software Automation & Testing Intern

June 2025 – August 2025

- Developed automated scripts using **Python** and its libraries to streamline validation processes for internal unemployment claim systems, reducing manual verification time by **60%** and improving accuracy by **35%**.
- Utilized **SQL** to query and verify data in internal databases containing statewide unemployment claim records
- Interacted with mainframe systems through **QWS3270** to support data accuracy and backend validation tasks

Educational Opportunity Program (EOP)

Newark, NJ

Ambassador

December 2023 – Present

- Represented EOP at **10+** official campus events, open houses, and state conferences
- Contributed to program visibility, leading to a **20%** increase in event participation

ACTIVITIES

S-STEM Program

Newark, NJ

Active Member

September 2022 – Present

- Research program at NJIT supporting high-achieving students within Computer Science

West Trenton Community Center

Trenton, NJ

Active Volunteer

October 2020 – Present

- Helped distribute **1,500+** food packages to local families
- Assisted in inventory and community outreach, increasing pantry service efficiency by **30%**