

# Tomisin Adeyemi

Manhattan, NY • (202)-718-5505 • [tomisinadeyemi7@gmail.com](mailto:tomisinadeyemi7@gmail.com) • [github.com/ota231](https://github.com/ota231) • [linkedin.com/in/ota231/](https://linkedin.com/in/ota231/)

## EDUCATION

### New York University

New York, NY

#### BA in Computer Science & Data Science, Minor in Mathematics, Honors | Major GPA: 3.9

Sep. '21 – May '25

- **Relevant Coursework:** Data Structures, Basic Algorithms, Computer Systems Organization, Discrete Math, Multivariable Calculus, Linear Algebra, Probability & Statistics, Intro to Data Science, AI Research Seminar
- **Awards & Honors:** Presidential Honors Scholar (Top 10%), Davis Scholar (\$30,000 scholarship)

## EXPERIENCE

### Incoming Software Engineering Intern @ Amazon - Seattle, WA

Incoming Jun. '23

### Undergraduate Teaching Assistant @ New York University - New York, NY

Sep. '22 - Present

- Reiterate programming concepts by providing weekly in-class tutoring and office hours to 2 class sections of **80+** students in the course **Introduction to Computer Programming (in Python)**.
- Guide students towards mastering programming fundamentals, developing good coding practices, and building problem solving skills by supplementing lectures with tutorials on **Google Colab notebooks**.

### Student Volunteer @ VisionVoice, Inc. – Remote

Jan. '22 – Mar. '22

- Assembled multiple programming resources to create comprehensive python curriculum map to increase retention of **20+** young BIPOC students in computer science.
- Taught **HTML & CSS** basics in one-on-one mentoring sessions with students, guiding them to **build their first websites**.
- Designed & implemented responsive landing page for company website using **HTML, CSS & Bootstrap**.

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

### NYU Women in Science (WINS) @ NYU

Sep. '22 - Present

- **1 of 6** sophomores selected to participate in NYU's prestigious Women in Science program, consisting of an individualized program of **study, research, and mentoring**.
- Participate in workshops and events that provide the foundation for lifelong success in professional and academic careers that involve research in a STEM field.
- Currently starting research on **Responsible AI** frameworks, specifically in the **finance** field.

### Machine Learning Engineering Foundations @ Cornell Tech

Jun. '22 - Present

- 1 of 100 undergraduate students selected to participate in intensive **18-month** "Break Through Tech AI Program" to develop Machine Learning and career preparation skills.
- Completed **80 hours** of **Machine Learning modules** during the summer, covering the ML Life Cycle, Data Exploration & Preparation, Model Training, Implementing different ML Algorithms and Model Evaluation.
- Working in a team of 5 and an **AI Researcher at JPMorgan** on a semester-long project on **changepoint detection** in **financial timeseries data**.

### Leadership Academy @ UMass Amherst Institute of Diversity Sciences

Jul. '22 – Aug. '22

- Selected to participate in rigorous 6-week academy, developed by Harvard professors, to provide practical leadership training to underrepresented minorities in technology. Sessions include building robust negotiation skills, taking ownership of personal narratives, and harnessing unique strengths to ensure excellence in the workplace.

## PROJECTS

### Intro to Data Science Capstone Project

*Python, Pandas, Numpy, Scikit-Learn, Scipy*

- Cleaned and analyzed raw dataset consisting of **400** movie ratings from **1097** research participants.
- Earned **full marks** and **top 5** award in class of 150+ people.
- Incorporated **dimension reduction, statistical tests, clustering, and Machine Learning** to gain insights from dataset.

### Flash Card App

*Android Studio, Java, XML, OOP*

- Engineered a fully functional **CRUD Android app** within **2 months**, to gain knowledge on Android programming.
- Incorporated **Android Room persistence library** to maintain **database** for user input.
- Used **Object-Oriented Programming** to create structure of flashcards and multiple-choice answers for users.

## TECHNICAL SKILLS

**Programming Languages/Frameworks:** Python (scikit-learn, seaborn, matplotlib, Pandas, NumPy), Java, HTML, CSS, Bootstrap, JavaScript (Familiar), Kotlin (Familiar), C (Familiar)

**Developer Tools & Software:** Git, Linux, Bash, PyCharm, Spyder, Jupyter Notebooks, VSCode, Android Studio