

Tomisin Adeyemi

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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

- **Coursework:** Data Structures, Discrete Math, Intro to Computer Science, Multivariable Calculus, Intro to Data Science
- **Awards & Honors:** Presidential Honors Scholar (Top 10%), Davis Scholar (\$30,000 scholarship)
- **Organizations:** African Dance Team, NYU Women in Science (WINS), Data Science Club, Girls Who Code NYU, ColorStack, Rewriting the Code Mentor

EXPERIENCE

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

Software Engineering & Android Development @ Codepath - Remote

Aug. '22 – Present

- First half of Android course includes **weekly coding labs** and independently building **4 fully functional Android apps**; second half of the course includes working with a group to design and build an original app.
- Software Engineering course includes weekly **technical interview prep** lectures, as well as weekly Hackerrank assessments.

Machine Learning Engineering Foundations @ Cornell Tech - New York, NY

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** (specifically regime shifts and anomalies) in **financial timeseries data**.

Leadership Academy @ UMass Amherst Institute of Diversity Sciences - Remote

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

Beyond Roe vs. Wade

JavaScript, Bootstrap, HTML, CSS, Git

- Collaborating with **team of 4** to expand on **hackathon** project by building website that provides **life-saving** reproductive health information more accessible.
- Experimented with different libraries to engineer an interactive **Choropleth web map** that reflects reproductive health accessibility in all US states, letting users access relevant location-based information.

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)

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