

Kevin Shilla

New York, NY | +1 646-710-0725 | shillakevin@gmail.com | [LinkedIn](#) | [Github](#) | [Website](#)

EDUCATION

Queens College, City University of New York

New York, NY

Bachelor of Science in Computer Science / Minor in Economics

Expected May 2025

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Internet & Web technology, Cloud Computing

TECHNICAL SKILLS

Programming: Java, Python, C#, C++, Golang, HTML, CSS, JavaScript, SQL, Ruby, PHP

Tools/Software: Python, Excel, Agile, Git, JUnit, API, Github, PostgreSQL, AWS, Tableau, JSON, Node.js

Soft Skills: Communication, Collaboration, Teamwork, Presentation, Problem Solving

EXPERIENCE

Data Science Intern, City University of New York Tech Prep

August 2024 - Present

- Developed Python based data analysis and automation scripts, integrating CI/CD pipelines to automate data processing, enhancing efficiency by 30%. Gained hands-on experience with software engineering tools like Git, TDD, CI/CD, and agile.
- Collaborated in teams to design, develop, and deploy scalable software projects using Python and Agile methodologies.
- Analyzed complex datasets to identify trends and develop actionable insights, improving system efficiency by 20%.

Intern, American Red Cross

August 2024 - Present

- Developed an automated system using Excel macros to track volunteer shift preferences, reducing manual work by 40% and improving efficiency.
- Improved volunteer data management by creating Python scripts that replaced manual tasks, saving time and reducing errors. Used SQL to keep volunteer records organized and accurate.
- Built reports and visual dashboards in Tableau and Power BI, helping the team quickly spot trends and focus on supporting volunteers instead of handling data.

Intern, Tanzania Permanent Mission to the United Nations

July 2022 - Sep 2022

- Supported diplomats by preparing briefing documents on current international and economic policies, gaining hands on experience in global economic issues.
- Conducted workshops and mentorship sessions for high school Model UN delegates, enhancing their understanding of digital tools for research and presentations. Helped them improve their public speaking, teamwork, and critical analysis skills in international relations contexts

PROJECTS

TZStudies | Python, PostgreSQL, Flask, HTML/CSS/JS, Flask-Mail ([Link](#))

- Developed a full-stack web platform for Tanzanian students to access past national exam PDFs and for tutors to apply via a secure, cloud-integrated system using Python/Flask, Gmail SMTP, and PostgreSQL.
- Designed a tutor application and profile display feature, allowing students to easily find nearby tutors.

Climate Prediction Project | Collaborative Data Science Project \ Python ([Link](#))

- Developed a Python-based web application using Random Forest modeling, achieving 90% accuracy in predicting CO₂ emissions and providing real-time insights into energy and economic data.
- Analyzed feature importance to pinpoint energy consumption as the primary driver, enabling more targeted strategies.

Skills: Python, Machine Learning(ML), Random Forest, Streamlit, Data Visualization, Figma, GitHub, Collaboration

Vowel-Word Analyzer | Java ([Link](#))

- Designed 'Vowel-Word Analyzer,' a Java GUI application enabling users to analyze text files. Implemented essential features including comprehensive file viewing, precise line numbering, seamless file operations, and advanced vowel-based word filtering, demonstrating proficiency in Java programming and user interface design.

CERTIFICATES AND AWARDS

- **Codecademy Certifications:** C++ Programming, Java Programming, Python, HTML, CSS
- ColorStack Fellow- Community empowering Black Computer Science students nationwide through networking