

Ishrat Arshad

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EDUCATION

CUNY Hunter College May 2027

Bachelor of Arts, Computer Science Major, Applied Mathematics Minor, Economics Minor

GPA: 3.98 | Dean's List

Coursework: Computer Architecture, Data Structures and Algorithm, Advanced Algorithms, Software Analysis and Design, Discrete Structures, Linear Algebra, Differential Equations, Statistics and Data Analysis

Technical Skills: Python, C++, Java, JavaScript, CSS3, SQL, C#, Swift, PHP, React.js, Node.js, Django, Flask, Ruby on Rails, ASP.NET

LEADERSHIP AND EXPERIENCE

Software Engineer Intern- Associate Product Manager

New York, NY

Unadat- Remote

May 2025- Present

- Developed production-ready features and UI components for a scalable SAAS web app supporting 1,000+ users in managing debt and financial goals, demonstrating effective cross-functional collaboration.
- Implemented interactive front-end interfaces and integrated backend logic using HTML, JavaScript, PHP, and Google Cloud, reducing release cycles by ~30% and ensuring secure, state-managed user experiences.
- Optimized application performance and responsiveness across devices, enhancing team delivery speed by ~20% through iterative test-driven development and rigorous peer reviews.

DataBase Software Engineer Intern

New York, NY

The Difference App- Hybrid

June 2025- Present

- Developed and deployed cross-platform health app features serving 700+ active users using Flutter, Laravel (PHP), and MySQL, delivering 10+ production-ready pull requests across multiple GitHub repositories.
- Streamlined development operations by configuring a comprehensive local environment with 7+ essential tools (Android Studio, Xcode, Postman, JDK 17, Kotlin), reducing onboarding time by 30% and accelerating QA feedback integration by 25% across Agile sprints.

AI Agent Builder Intern

Miami, FL

NeuralSeek- Remote

July 2025- Present

- Designed and deployed a custom AI agent using NeuralSeek's no-code orchestration platform, applying multi-agent architecture, LLM integration, prompt engineering, and governance tooling to build scalable, low-latency generative AI workflows; completing Level 1–3 Certifications in AI Agent Architecture, Explainability, and Human-in-the-Loop systems.
- Collaborated with a cross-functional team to solve weekly NLP challenges, conduct competitive analysis of generative AI platforms to inform product strategy, and present a capstone demo recognized by NeuralSeek leadership for technical rigor and business alignment.

AI/Machine Learning Fellow

New York, NY

Cornell Tech & Breakthrough Tech - Remote

April 2025- Present

- Engineered and optimized end-to-end machine learning pipelines using Python, scikit-learn, and pandas for data preprocessing, model training, tuning, and evaluation, aligning with industry best practices.
- Presented technical findings and tradeoffs to engineering teams and industry mentors, emphasizing explainability, fairness, and scalability across diverse datasets.

Undergraduate Teaching Assistant – Data Structures & Software Analysis

New York, NY

Hunter College- In Person

June 2025- Present

- Facilitated technical tutoring for 40+ students in a challenging C++ Data Structures and Algorithms course covering recursion, polymorphism, memory management, and abstract data types.
- Guided students weekly through complex topics such as AVL Trees, polymorphism, and backtracking, enhancing project comprehension and improving debugging efficiency.

PROJECTS

SteadyCare

Jun 2025

- Implemented speech recognition functionality that achieved 92% accuracy in noisy environments, making the application accessible to users with mobility limitations.
- Designed a user-friendly interface that reduced medication management time by 35% compared to traditional methods.
- Built a scalable Flask API with CSV-based data storage and automated personalized medication reminders using the Schedule Library, leading to an estimated 40% improvement in timely medication intake.

NewsGuard

May 2025

- Built a full-stack AI platform to detect and explain misinformation using NLP and LIME, featuring a Flask API, React UI, and real-time article classification with 88%+ confidence.
- Implemented color-coded UI highlights, suspicious phrase filtering, word-level attribution to improve user understanding of potential misinformation by 65%, and optimized backend processing to handle batch analysis of up to 500 articles simultaneously maintaining response times under 3 seconds.