

Ruhan Pandit

rpp8781@nyu.edu | linkedin.com/in/ruhan-pandit/

EDUCATION

B.S., Computer Science; Minor in Mathematics
New York University

Expected May 2028

WORK EXPERIENCE

Software Engineering Intern
Humana

May 2026 – Aug 2026

- Led a full end-to-end refactor of a production Databricks data pipeline across all three layers of a medallion architecture, processing 35M member demographic records daily
- Enforced production engineering standards across the codebase by replacing unstructured logging with a centralized observability pattern, applying consistent exception handling across services.
- Authored internal technical documentation defining the project's architecture and pipeline patterns.

Web Development Intern
ASCENDtials

Feb 2026 – Apr 2026

- Redesigned volunteer onboarding and recruitment flow, improving application clarity and user conversion for non-profit serving community wellness programs
- Integrated automation tools to centralize applicant tracking, reducing manual administrative oversight
- Built and customized WordPress/Elementor pages to improve branding, navigation, and site performance

AI Intern
Generative AI MVP

Jul 2024 – Sep 2024

- Collaborated with a 3-person team to build an NLP model that replicates a user's writing style from X and Reddit posts
- Managed weekly deliverables and presented final model to the company CEO
- Utilized GitHub and Google Colab; followed agile workflow with daily standups and weekly PM check-ins

PROJECTS

NYU Metaverse for Education VIP | Unity, C#

Jan 2026 – May 2026

- Collaborated in a team of 20+ students to build a fully interactive VR replica of the NYU Tandon MakerSpace in Unity (URP, XR Interaction Toolkit 3.3.1)
- Developed custom editor tooling in C# to assign PBR materials across 180+ mesh bodies, engineered animations for CNC machine components, and implemented XR grip interactions to simulate machine operations on the Tormach PCNC 440 CNC mill

Housing Price Prediction | Python, NumPy, Pandas, TensorFlow

Jan 2023 – Mar 2023

- Built a predictive ML model using the House Price Index and S&P data to forecast U.S. housing market trends
- Cleaned and processed data from the U.S. Department of Housing and Urban Development, achieved 89.6% accuracy (MSE: 1350)

TECHNICAL SKILLS

Languages | Python, Java, C/C++, C#, HTML/CSS/JS

Frameworks & Tools | TensorFlow, NumPy, Pandas, Unity, Git, GitHub, Databricks, WordPress/Elementor