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Connor Kavleski

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Skills Summary

Aspiring ML Engineer with hands-on experience in NLP, Python, and building real-world AI projects in team settings.

Education

New York City College of Technology, B.T. Computer Systems Technology Expected Graduation: Spring 2026
GPA: 3.8/4.0 City Tech Honors Scholars Student

Technologies and Languages

Languages: Python, HTML, CSS, C, JavaScript, Java

Frameworks & Tools: IBM Watsonx, MySQL, Git, Adminer, NLP

Key Skills: Machine Learning, NLP, Model Training, Prompt Engineering, Data Cleaning

Projects

CUNY AI Chatbot – IBM Watsonx Hackathon Project (Spring 2025)

- Built an AI-powered chatbot using IBM Watsonx to help CUNY students access academic and financial aid info.
- Used prompt engineering and natural language processing for accurate, context-aware responses.
- Trained the model in a 4-person team to train on degree catalogs, aid resources, and FAQs.
- Presented to IBM mentors and designed for future student use across all CUNY colleges.

NYC Small Business Violation Analyzer (3rd Place – City Tech Datathon 2025)

- Analyzed over 20M+ city violation cases in Python to identify patterns harming small businesses.
- Designed automated scripts to detect repeat fines and visualize geographic and temporal trends.
- Discovered \$268M in unnecessary fines from unclear sidewalk citations.

SnapLang – Vision-Based Flashcard Generator (In Progress)

- Developing a CNN-based image classifier to identify household objects from user-submitted photos.
- Converts identified objects into exportable language-learning flashcards (e.g., CSV for Anki).

Professional Development

- Google Machine Learning Course - Practical introduction to applied ML pipelines and model development.
- Stanford/ DeepLearning.AI Machine Learning Specialization Course – Foundations of supervised and unsupervised learning, regression, clustering, and classification theory.
- Chief Research Officer | Data Science and Technology Innovation Club at City Tech
- Officer | City Tech Google Developer Group
- City Tech's Honors Scholars Program | Dean's List (2025)

Work Experience

Transportation Construction Inspector | New York State DOT Albany, NY | Summer 2022

- Lead, collaborated on, and monitored state infrastructure construction.
- Performed data entry and validation in a state-wide transportation database, ensuring accuracy and consistency across construction project records.