

WAYNE SIMMONS

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EDUCATION

CUNY Queens College — Flushing, NY

Expected May 2027

Bachelor of Science in Computer Science

Relevant Coursework: Large Language Models, Computer Vision, Data Mining, Probability & Statistics, Linear Algebra, Numerical Methods, Data Structures & Algorithms

Awards: Knights Round Table Leadership Series, 2025–2026

TECHNICAL SKILLS

Languages: Python (primary), Java, C, C++, SQL

ML & Data: scikit-learn, pandas, NumPy, Hugging Face Transformers, Matplotlib, Seaborn, TF-IDF, neural networks (feedforward, CNN), decision trees, regression, model evaluation

Tools & Platforms: Git/GitHub, Jupyter, Streamlit, Flask, MySQL, VS Code, PyCharm, Kaggle

PROJECTS

Automated Contract Review & Risk Triage | Accenture × Break Through Tech AI Studio

Sept 2026 – Dec 2026

- Building a multi-label clause detection pipeline over the CUAD dataset (510 commercial contracts, 41 expert-annotated clause categories) on a 7-person team for an Accenture-sponsored project
- Own the data loading and cleaning workstream: contract parsing, chunking, and preprocessing for all downstream models
- Established a TF-IDF baseline, then fine-tuned transformer encoders for chunk-level multi-label classification
- Layering rule-based Low/Medium/High risk scoring into a contract-level triage score, evaluated by per-category F1 against baseline and Spearman correlation with expert-ranked clauses

Decision Tree vs. Neural Network Classifier | Python, scikit-learn

2026

- Benchmarked a tuned decision tree (GridSearchCV, max depth 4) against a 3-layer Keras feedforward network on Titanic survival prediction; the NN outperformed on both accuracy (0.867 vs. 0.811) and F1 (0.818 vs. 0.712)
- Submitted the NN to Kaggle's leaderboard (0.7608) and documented the gap vs. local test results; published as a reproducible notebook with write-up

Claude RAG Chatbot | Python, Streamlit, Anthropic API (*course project*)

2026

- Built a Streamlit chatbot on the Anthropic API with streaming responses, session-state memory, and auto-generated conversation summaries
- Implemented a simple RAG pipeline where an LLM router selects the relevant knowledge-base document per query and injects it into a grounded prompt, with fallback handling when retrieval fails

Spotify Tracks Explorer | Python, pandas, Seaborn

2026

- Profiled and cleaned a 114,000-track dataset, analyzing audio features against genre and popularity to surface listening patterns
- Published findings as a documented notebook and portfolio write-up at waynesimmonsjr.com

EXPERIENCE

Break Through Tech — Accenture AI/ML Fellow

May 2026 – Present

- Selected from 4,300+ applicants for a competitive 12-month applied machine learning fellowship
- Completed ML Foundations in Python: supervised learning, feature engineering, model evaluation, neural networks, CNNs
- Paired with an industry advisor and coach while delivering a semester-long sponsored client project

Apple — Retail Specialist, New York, NY

July 2022 – October 2026

- Matched customers with the right devices and solutions by learning their goals and technical background, then walk them through setup and features at their level
- Exceeded team performance targets (120%+ of goal) while maintaining top-tier customer satisfaction ratings

LEADERSHIP

Cru — Campus Chapter President, Queens College

Aug 2025 – Present

- Lead the chapter and its leadership team, running weekly programs and outreach for 20+ members
- Mentor members, facilitate small-group development, and manage event logistics and delegation

The Summit — Resident Assistant, Queens College

Aug 2025 – Present

- Support a residential community of 400+ students: resolve conflicts, enforce policy, and run engagement programming