

ISHAN ISLAM

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EDUCATION

LONG ISLAND UNIVERSITY

BS in Computer Science

New York, NY

August 2022-May 2026

- Cumulative GPA: 3.68 | Presidential Scholar
- Vice President, Computer Science Club (liucs.liucscs.us)

EXPERIENCE

Accenture

AI and Machine Learning Fellow

New York, NY

Aug 2025 - Present

- Contributing to a fake news classification project, developing NLP pipelines and deep learning models to detect misinformation across large-scale datasets
- Preprocessing and engineering features from unstructured text data, improving model performance, and reducing noise in classification tasks
- Implement and fine-tune supervised learning models using scikit-learn, TensorFlow, and PyTorch, achieving measurable improvements in accuracy and precision.
- Design data visualization dashboards with Python and Tableau to communicate model insights and performance metrics to both technical and non-technical stakeholders
- Assist in optimizing end-to-end ML workflows, including data cleaning, model training, hyperparameter tuning, and deployment in test environments.

BREAK THROUGH TECH

AI and Machine Learning Fellow

New York, NY

Jun 2025 - Present

- Collaborating in cross-functional teams to design innovative ML solutions, emphasizing communication, problem-solving, and practical application of machine learning concepts
- Participating in AI Studio and Portfolio Development, solving real-world ML challenge projects under the guidance of academic and industry experts
- Receiving mentorship and career coaching, collaborating with industry professionals on case studies, skill-building simulations, and personalized feedback sessions
- Engaged in an intensive Machine Learning Foundations Curriculum and received certification

TIKTOK VIDEO CLASSIFICATION | [GITHUB](#)

Lead Data Scientist (Project)

New York, NY

2024

- Eliminated 100% of inaccuracies in media details through data cleaning with the Python data stack (Pandas and Numpy)
- Developed a classification model to predict whether TikTok video transcriptions were claims or opinions, based on text features
- Tuned hyperparameters for Random Forest and XGBoost classifiers using GridSearchCV, optimizing for recall
- Preprocessed text data by extracting numerical features using CountVectorizer
- Evaluated model performance through classification reports, confusion matrices, and feature importance plots, achieving strong recall and precision.

GOOGLE DEVELOPER GROUP

Google Developer Group Vice President, Long Island University

New York, NY

2023-2024

- Streamlined student onboarding by automating email invitation through SMTP
- Secured hundreds of dollars in scholarships from BWOSS for club members, enabling them to obtain Google Career Certificates at no cost
- Partnered with Major League Hacking to host successful hackathons with over 20 attendees
- Developed the official LIUCS website from scratch using Python, Flask, SQLAlchemy and web development technologies (HTML, CSS, JavaScript, SCSS)

SKILLS

- Technology: SQL, Python, SQLAlchemy, Pandas, Numpy, Matplotlib, Seaborn, PowerShell, Scikit-Learn
- Software: Tableau, PowerBI, Microsoft 365 (Excel, Word, Powerpoint, etc.), Anaconda, JupyterLab
- Strategies: Problem Solving, Communication, Teamwork, Analytic Thinking, Adaptability, Time Management
- Certifications: [Break Through Tech ML Certificate](#), [Machine Learning](#), [Regression Analysis](#), [Power of Statistics](#), [Foundations of Data Science](#), [Translate Data Into Insights](#)