ISHAN ISLAM

New York, NY | 917-704-9543 | ishanislam13@gmail.com | LinkedIn | Github | Website

EDUCATION

LONG ISLAND UNIVERSITY   **New York, NY**

BS in Computer Science

August 2022-*May 2026*

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

EXPERIENCE

Accenture   **New York, NY**

AI and Machine Learning Fellow   *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   **New York, NY**

AI and Machine Learning Fellow   *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   **New York, NY**

Lead Data Scientist (Project)   *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   **New York, NY**

Google Developer Group Vice President, Long Island University   *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