

Tariq Stanley

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SUMMARY

Motivated Computer Science student passionate about technology and problem-solving. Proficient in Python and C++, with strong experience using frameworks like TensorFlow and PyTorch for machine learning projects. Worked on diverse teams, optimizing models for predictive analytics. Effective communicator who clearly presents technical findings for collaborative growth. Eager to contribute skills in a hands-on internship, driving innovation at TechWave Innovations with advanced AI solutions and scalable systems.

EDUCATION

Bachelor of Science in Computer Science
University of Illinois GPA: N/A
Coursework: Data Structures, Algorithms, Machine Learning, Software Engineering

2026
Chicago, IL

TECHNICAL SKILLS

- **Programming Languages:** Python, C++
- **AI/ML Frameworks:** TensorFlow, PyTorch, JAX
- **GPU Programming:** CUDA
- **Data Processing Tools:** Pandas, NumPy, Scikit-learn
- **Development Platforms:** Jupyter Notebook, Anaconda
- **Version Control:** Git, GitHub
- **Operating Systems:** Windows, Linux
- **Statistical Methods:** Regression Analysis, Time Series Analysis
- **Machine Learning Techniques:** Supervised Learning, Unsupervised Learning
- **Collaboration Tools:** Slack, Zoom, Microsoft Teams

SKILLS

- Python
- PyTorch
- Machine Learning
- Technical Documentation
- C++
- JAX
- Data Analysis
- TensorFlow
- CUDA
- Team Collaboration

EXPERIENCE

Machine Learning Intern
University Project

January 2026 - Present
Chicago, IL

Engaged in university project focusing on machine learning applications within finance. Built, optimized, and tested algorithms across various data sets while collaborating with fellow students.

- Developed machine learning models utilizing Python and TensorFlow, improving prediction accuracy significantly.
- Collaborated in a team environment, optimizing data preprocessing pipelines, which led to faster model training.
- Conducted rigorous testing to validate the performance of models against high-stakes data.
- Implemented deep learning architectures using PyTorch, contributing to advanced financial analytics tasks.
- Communicated findings through presentations, enhancing comprehension amongst peers and faculty.
- Participated in peer reviews fostering a culture of collaborative input and shared insights.

Research Assistant
Academic Research

September 2025 - December 2025
Chicago, IL

Played a key role in academic research focused on developing AI models for analyzing extensive financial datasets, emphasizing efficiency and scalability.

- Assisted researchers in the creation of scalable AI models, targeting effective handling of large financial datasets.
- Utilized JAX for enhanced computational speed, allowing rapid experimentation and optimization of models.
- Actively participated in weekly discussions, addressing challenges and strategizing next steps with faculty advisors.
- Contributed to writing high-quality reports and papers, sharpening abilities in technical documentation.
- Worked on robust simulations to compare the effectiveness of different machine learning algorithms.
- Co-developed a comprehensive analytics tool for financial metrics based on GPU acceleration techniques.

LEADERSHIP & AWARDS

- Dean's List (2024, 2025)
- First Place - University Hackathon (2025)

CERTIFICATIONS

- AWS Certified Machine Learning – Specialty 📅 2026
- Google Professional Data Engineer 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club (2024 – Present)
- Team Lead, AI Coding Competition (2025)

LANGUAGES

- English (Native)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST