

KATRINA STRADFORD

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EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science, Concentration in Machine Learning

Expected Dec 2026

Western Governors University

Bachelor of Science in Computer Science, ABET

May 2024

EXPERIENCE

AI Software Engineer, Contractor

May 2024 – Present

G2i

Remote

- Providing human feedback, solving coding challenges, and optimizing queries to improve LLM generative Python and SQLite code
- Designing and implementing robust test cases to improve model accuracy and reliability
- Reviewing and refining code before AI model integration to enhance overall model performance

Content Strategist, Contractor

Jun 2018 – Dec 2022

VII Digital

Remote

- Partnered with cross-functional teams to optimize business processes and implement technology-driven marketing solutions for high-revenue e-commerce brands
- Analyzed ad campaign data to optimize marketing strategies and improve campaign outcomes using quantitative metrics
- Developed innovative content strategies focusing on user engagement and conversion metrics

PROJECTS

ADMIT | *Python, Flask*

- Designed and developed a GUI dashboard to facilitate data analysis and serve CRUD features
- Implemented a logistic regression model with Scikit-learn to predict admissions decisions based on student attributes and historical data
- Visualized data using Seaborn and Matplotlib to aid in decision-making processes
- Created project proposal, post-implementation, and user guide documentation

WGU Postal Service | *Python*

- Implemented custom data structures and self-adjusting algorithms to optimize daily routing services
- Engineered a console interface enabling real-time tracking and comprehensive reporting of daily operations metrics
- Ensured data integrity and generated high-quality reports through error handling and data validation

SKILLS

Languages: Python, Java, C++, HTML/CSS

Frameworks: Flask, Bootstrap, Spring Boot

Databases: MySQL, PostgreSQL, SQLite

Developer Tools: Git, Docker, Postman, Jupyter

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

CERTIFICATIONS

ITIL 4® Foundation

LPI Linux Essentials