



Nevaeh Gross

Lead Machine Learning Operations Engineer

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SUMMARY

Achievement-oriented Lead Machine Learning Operations Engineer bringing over six years' experience in AI/ML platform engineering and MLOps. Expertise lies in architecting enterprise-scale AI solutions while facilitating compliance and effective oversight. Skilled in developing team capabilities to align machine learning initiatives with strategic business goals. Proven record of delivering innovative infrastructural frameworks that enhance operational effectiveness. Enthusiastic about leading cross-functional teams, advocating best practices for model lifecycle management, and implementing reliable AI operations that yield measurable outcomes.

STRENGTHS

- Team Development**
Fostered a culture of collaboration and knowledge exchange among engineers, enhancing overall production reliability.
- Innovative Problem Solver**
Consistently identified technological gaps and implemented solutions driving process improvements across teams.
- Stakeholder Engagement**
Regularly liaised with executive stakeholders, aligning AI initiatives with overarching business goals and garnering support.
- Operational Excellence**
Delivered faultless escalations and high-quality documentation leading to improved operational efficiencies.
- Trend Analysis**
Effectively tracked and communicated trends in machine learning, influencing strategic direction and platform choices.

SKILLS

Python JavaScript TypeScript

MLOps AIOps LLMOps

Cloud Architecture

AI Model Management

Project Management

Team Leadership

EXPERIENCE

Lead Machine Learning Engineer

Data Innovations Group | January 2021 - Present | Los Angeles, CA

Leading cross-departmental efforts as Lead Machine Learning Engineer within a transformative environment. Responsible for developing and executing AI/ML strategies that champion organizational objectives and drive efficiency.

- Spearhead AI/ML strategy development, ensuring alignment with broader business aims.
- Mentor and guide machine learning engineers, fostering teamwork and innovation.
- Enhance AI model performance by implementing industry best practices and lifecycle protocols.
- Collaborate closely with stakeholders to articulate project expectations and craft advanced AI solutions.

Senior AI Engineer

TechForward Inc. | June 2018 - December 2020 | New York, NY

Served as Senior AI Engineer focusing on scalable platform development and cloud integration, significantly impacting the company's AI projects through thoughtful design and execution.

- Designed scalable AI platforms that bolstered operational efficiency, elevating overall productivity.
- Led seamless integration efforts for secure cloud architectures supporting various AI capabilities.
- Set enterprise standards focusing on AI observability and monitoring to improve response dynamics.
- Collaborated across divisions to ensure successful implementation of AI strategies catering to organizational needs.

Machine Learning Engineer

NextGen AI Solutions | August 2016 - May 2018 | Austin, TX

Focused efforts as a Machine Learning Engineer involved research, model optimization, and integration of advanced AI functionalities.

- Optimized machine learning models for diverse applications, achieving notable increases in accuracy.
- Worked alongside software developers to integrate AI elements into mainstream systems.
- Conducted market research analyzing trends in AI technology influencing future strategic approaches.
- Engaged with teams for knowledge sharing and brainstorming innovative ways to steer continuity in AI enhancements.

LEADERSHIP & AWARDS

- Recognized as Top Innovator at Data Innovations Group for exceptional contributions in AI strategy, 2022.
- Recipient of Excellence Award from TechForward Inc. due to successful deployment of highly effective AI systems, 2020.

Data Management

Security Compliance

Technical Decision-Making

Platform Strategy

Model Monitoring

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



● Lead Machine Learning Engineer at Data Innovations Group (5.4 Years)

● Senior AI Engineer at TechForward Inc. (2.5 Years)

● Machine Learning Engineer at NextGen AI Solutions (1.8 Years)

EDUCATION

Bachelor's Degree in Computer Science

University of Colorado 🎓 GPA: 3.5 📅 2016 📍 Denver, CO

Coursework: Data Structures, Algorithms, Machine Learning, Artificial Intelligence

CERTIFICATIONS

- Certified Machine Learning Specialist 📅 2021
- AWS Certified Solutions Architect 📅 2022

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++
- **Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Version Control:** Git, Subversion
- **Containerization:** Docker, Kubernetes
- **Data Storage:** SQL, NoSQL, Redis
- **Monitoring Tools:** Prometheus, Grafana, ELK Stack
- **Collaboration Tools:** JIRA, Confluence, Slack
- **Testing Frameworks:** Pytest, JUnit, Mocha
- **Continuous Integration:** Jenkins, Travis CI

PROFESSIONAL AFFILIATIONS

- Active member of AI Ethics Council, promoting transparent and responsible AI practices in technology.
- Participates in local meetups focusing on advancements in AI and machine learning technologies.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST