

Linh Wiggins

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SUMMARY

Data-driven Machine Learning Operations Engineer with over 6 years of experience in optimizing ML models and deploying scalable infrastructure. Proven track record in leading high-performing teams and implementing best practices in model lifecycle management. Passionate about leveraging technology to innovate solutions in the digital advertising ecosystem, overseeing the end-to-end delivery of ML systems. Collaborating closely with engineers and data scientists ensures seamless research-to-production transitions. Committed to fostering a culture of innovation while consistently enhancing performance across various dimensions.

EXPERIENCE

Senior MLOps Engineer

March 2021 - Present

Apex Data Solutions

Naperville, IL

Oversaw deployment and optimization of machine learning models for large-scale data processing. Lead a team of engineers building robust pipelines, ensuring model reliability in production. Worked collaboratively with cross-functional teams, heightening model performance through collective expertise.

- Spearhead deployment of ML models addressing multi-terabyte datasets from platforms such as TikTok and YouTube.
- Establish best practices in ML lifecycle management including versioning and testing protocols.
- Mentor engineers by fostering a culture of innovation alongside continuous improvement.
- Optimize model inference performance while maintaining cost-effectiveness throughout production systems.

MLOps Engineer

January 2019 - February 2021

Quantum Insights

Chicago, IL

Designed CI/CD pipelines for machine learning workflows, streamlining deployment processes effectively. Focused on eliminating bottlenecks, thus facilitating prompt integration of new capabilities and enhancements.

- Conducted performance tuning on machine learning models, reducing latency to enhance user experience.
- Implemented effective monitoring solutions assuring high availability and reliability of ML systems.
- Collaborated directly with stakeholders, ensuring understanding of requirements related to technical initiatives.
- Communicated organization objectives, aligning engineering capabilities with wider strategic goals.

Machine Learning Engineer

June 2016 - December 2018

DataTech Innovations

Evanston, IL

Developed machine learning models covering both natural language processing and multimodal applications. Actively participated in project discussions via collaboration with Data Scientists, overcoming technical challenges successfully.

- Integrated multimodal data sources improving accuracy for classification tasks.
- Contributed towards facilitating efficient operationalization of various development projects.
- Presented findings and updates in stakeholder meetings enhancing visual understanding of ML efficacy.
- Assisted in advancing organizational ML capabilities by championing application of state-of-the-art frameworks.

LEADERSHIP & AWARDS

- Best Emerging Tech Innovator, Tech Summit 2022
- Outstanding Contributions to Machine Learning Innovation, AI Conference 2021

EDUCATION

Bachelor's Degree in Computer Science

2016

University of Illinois GPA: 3.8

Champaign, IL

Coursework: *Data Structures, Machine Learning, Artificial Intelligence, Software Engineering*

CERTIFICATIONS

- Certified Machine Learning Specialist 📅 2020
- AWS Certified Machine Learning - Specialty 📅 2021

TECHNICAL SKILLS

- **Machine Learning Frameworks:** TensorFlow, PyTorch, Scikit-Learn
- **CI/CD Tools:** Jenkins, GitLab CI, CircleCI

- **Model Management Tools:** Weights & Biases, MLflow, DVC
- **Visualization Tools:** Matplotlib, Seaborn, Tableau
- **Cloud Platforms:** AWS, Azure, GCP
- **Containerization Tools:** Docker, Kubernetes, OpenShift
- **Data Processing Tools:** Pandas, NumPy, Apache Spark
- **Version Control Systems:** Git, Bitbucket, SVN
- **Scripting Languages:** Python, R, Bash
- **Monitoring Tools:** Prometheus, Grafana, ELK Stack

SKILLS

- Machine Learning Operations (MLOps)
- ML Model Deployment
- CI/CD Pipelines
- Performance Optimization
- Team Leadership
- Data Processing
- Natural Language Processing
- Multimodal Data Integration
- Model Lifecycle Management
- Feature Stores
- Transformer Architectures
- Optimizing Inference
- Monitoring Solutions
- Stakeholder Management
- Creative Solutions
- Agile Methodologies

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery (ACM)
- Participant, Women in Technology Networking Group

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST