

# Eliza Cannon

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## SUMMARY

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Dynamic Principal MLOps Engineer with over 10 years' experience in AI/ML integration. Proven track record in collaborating with diverse teams to elevate machine learning systems. Expertise includes designing impactful MLOps platforms and overseeing automated workflows for optimal performance. Committed to advancing company goals through strategic enhancements and reliable production standards. Eager to apply leadership skills to drive innovation at Tech Innovations Inc.

## EXPERIENCE

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### Principal MLOps Engineer

January 2020 - Present

Innovative Tech Solutions

*New York, NY*

Oversee the development of a cutting-edge MLOps platform aimed at pushing AI-driven solutions forward.

- Design and implement robust MLOps architecture that transforms AI capabilities.
- Collaborate with engineering teams globally to strengthen data science initiatives.
- Drive day-to-day operational efficiency through innovative process improvements.
- Facilitate architecture reviews for alignment with best practices across projects.

### Senior MLOps Engineer

March 2015 - December 2019

Data Systems Corp.

*Los Angeles, CA*

Played a key role in deploying scalable MLOps solutions and maintaining effective infrastructure.

- Spearheaded ML solutions development, enhancing model deployment and training.
- Established frameworks ensuring compliance with industry standards across all AI projects.
- Worked alongside international teams to streamline AI processes, boosting overall productivity.
- Conducted results-oriented evaluations to improve existing systems and pipelines.

### MLOps Engineer

June 2012 - February 2015

Tech Solutions Group

*Austin, TX*

Focused on designing systems that ensure machine learning reliability in production settings.

- Implemented optimized machine learning pipelines to maximize efficiency and reduce downtime.
- Engaged with cross-functional teams to realize full-cycle ML project delivery.
- Reviewed architectures to align security protocols with organizational needs.
- Facilitated continuous improvements leading to enhanced team and project outcomes.

## LEADERSHIP & AWARDS

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- Recipient of the AI Innovation Award for significant contributions to transformative machine learning applications.
- Honored with Team Excellence Award for exceptional collaboration and driving successful project completion.

## EDUCATION

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### Bachelor's Degree in Computer Science

2012

University of Illinois GPA: 3.8

*Champaign, IL*

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

## CERTIFICATIONS

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- Databricks ML Professional Certification 📅 2021
- Snowflake Certification 📅 2022

## TECHNICAL SKILLS

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- **Machine Learning Libraries:** TensorFlow, PyTorch, Scikit-learn
- **Cloud Services:** AWS, Azure, Google Cloud
- **CI/CD Tools:** Jenkins, GitLab CI, CircleCI
- **Data Visualization Tools:** Tableau, Power BI, Matplotlib
- **DevOps Technologies:** Terraform, Helm, Prometheus
- **Containerization Tools:** Docker, Kubernetes, OpenShift

- **Database Technology:** PostgreSQL, MySQL, MongoDB
- **Frameworks:** FastAPI, Flask, Spring Boot
- **Testing Frameworks:** PyTest, JUnit, Selenium
- **Big Data Tools:** Apache Spark, Hadoop, Kafka

**SKILLS**

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- MLOps
- AI/ML Integration
- Software Development
- Data Engineering
- Python
- Java
- Kubernetes
- Docker
- MLflow
- Spark
- Data Processing
- Model Deployment
- Workflow Optimization
- Scalable Solutions
- System Architecture
- Compliance Frameworks

**PROFESSIONAL AFFILIATIONS**

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- Board member of the AI Enthusiasts Collective, cultivating community engagement around emerging technologies.
- Member of Women in Tech Network, focusing on promoting diversity in technology sectors.

**LANGUAGES**

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- English (Native)
- Spanish (Intermediate)

**ADDITIONAL INFORMATION**

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

**REFERENCES**

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AVAILABLE ON REQUEST