

# Eliza Cannon

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## SUMMARY

Dedicated software engineer with over four years of experience in crafting reliable applications. Proven ability to harness AI tools for impactful product development. Collaborative team player, fostering essential relationships that drive project success. Effective at troubleshooting and resolving issues in diverse environments, ensuring optimal performance for satellite missions. Eager to contribute expertise to enhance innovative solutions at TechWave Solutions.

## EXPERIENCE

### Software Engineer

June 2023 - Present

Innovative Tech Group

Fort Collins, CO

Lead software development projects focused on customer needs and efficient solutions. Engage cross-functional teams to deliver quality products within deadlines.

- Develop tailored software solutions across diverse client requirements.
- Troubleshoot complex software issues, guaranteeing high reliability.
- Nurture collaborative relationships with clients for comprehensive feedback.
- Promote efficient practices among teams to optimize production processes.

### Junior Software Engineer

January 2021 - May 2023

NextGen Software

Boulder, CO

Contributed to the development and enhancement of AI-driven software applications. Collaborated closely with senior engineers on multiple projects.

- Supported development efforts through coding and debugging initiatives.
- Conducted rigorous testing to elevate application functionality.
- Assisted in strategic project planning stages for smooth execution.
- Facilitated knowledge sharing sessions to uplift overall team capabilities.

## PROJECTS

### AI-Powered Satellite Monitoring System 📅 March 2026

Led a team project creating an innovative monitoring tool for satellites. This solution integrated AI methodologies, enhancing data processing speeds and reliability during critical operations.

### Real-Time Fault Detection Application 📅 January 2025

Designed and implemented a fault detection application enabling predictive maintenance for software systems in operational satellites. Boosted overall system reliability and efficiency.

## LEADERSHIP & AWARDS

- Recognized as 'Outstanding Employee of The Quarter' for exceptional contributions towards AI-integrated projects at Innovative Tech Group.
- Awarded 'Excellence in Team Collaboration' at NextGen Software for leading successful project completion while enhancing team synergy.

## EDUCATION

### Bachelor's Degree in Computer Science

2020

University of Colorado Boulder GPA: 3.8

Boulder, CO

**Coursework:** Data Structures, Algorithms, Software Engineering, AI Integration

## CERTIFICATIONS

- Certified Software Development Professional (CSDP) 📅 2022
- AI and Machine Learning Specialist Certification 📅 2023

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++, JavaScript
- **Frameworks:** Django, Flask, Spring
- **Tools:** Git, Docker, Jenkins
- **Databases:** MySQL, PostgreSQL, MongoDB
- **AI Technologies:** TensorFlow, PyTorch, Scikit-learn

- **Development Environments:** VS Code, Eclipse, IntelliJ IDEA
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Testing Frameworks:** JUnit, Mockito, Selenium
- **Version Control:** GitHub, Bitbucket, GitLab
- **Methodologies:** Agile, Scrum, Waterfall

**SKILLS**

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- Software Development
- Customer Relationship Management
- Data Processing
- Project Planning
- AI and Machine Learning
- Team Collaboration
- Satellite Systems
- Technical Support
- Troubleshooting
- Product Development
- Agile Methodologies
- Client Communications
- Debugging
- Software Testing
- Cross-Functional Teams

**PROFESSIONAL AFFILIATIONS**

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- Member of the Society of Software Engineers, promoting best practices in engineering and technology developments.
- Volunteer with local STEM programs aimed at encouraging youth interest in technology and engineering fields.

**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