

# Eleanor Aguirre

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## SUMMARY

Passionate Applied AI Product Engineer with over three years in full-stack software development and AI applications. Adept in designing innovative features that boost patient engagement and operational efficiency across healthcare platforms. Experience includes collaboration with cross-functional teams, enhancing scalability and fulfilling user needs. Proficient in cloud technologies and programming languages using tools like OpenAI APIs and TensorFlow. Demonstrated strong problem-solving abilities in high-pressure environments, delivering AI solutions focused on care coordination. Eager to contribute unique skills and insights to advance product capabilities.

## EXPERIENCE

### Applied AI Engineer

January 2025 - Present

Tech Solutions Inc.

Austin, TX

Lead development efforts focused on AI features for healthcare products. Engage deeply with clinical stakeholders and design strategies that create seamless user experiences.

- Design and develop innovative functionalities for healthcare applications, driving enhanced patient interaction.
- Collaborate cross-functionally to ensure scalable solutions built with advanced tools such as OpenAI and TensorFlow.
- Apply DevOps and MLOps best practices to facilitate deployment and continuous integration, ensuring smooth functionality of AI capabilities.
- Research and implement emerging AI technologies, continuously enhancing product offerings based on insights.

### Junior Software Engineer

July 2023 - December 2024

Future Tech Corp.

Los Angeles, CA

Contributed to full-stack application development with a keen eye on integrating AI technologies for superior user experience.

- Assisted team members in the creation of innovative software solutions that streamlined operations and improved customer satisfaction.
- Facilitated requirements gathering sessions, translating needs into actionable project frameworks.
- Ensured robustness by conducting rigorous testing, resulting in dependable product delivery ready for demands.
- Acted quickly to provide resolutions during troubleshooting, fostering a culture of teamwork and collaboration.

### AI Research Intern

June 2022 - August 2022

University of Colorado

Boulder, CO

Focused on developing machine learning models aimed at improving predictive analytics in the healthcare sector through research contributions.

- Participated in collaborative projects targeting data collection and preprocessing for effective model evaluation.
- Supported ongoing research that led to publication, shedding light on advancements in healthcare technology.
- Engaged actively in discussions around findings, leveraging peer feedback to enrich understanding and presentation.
- Founded a dialogue with faculty regarding potential future topics, breeding an environment of exploration and inquiry.

## LEADERSHIP & AWARDS

- Recipient of Tech Innovations Employee Excellence Award (2025)
- Recognized as Outstanding Intern by the University of Colorado AI Team (2022)

## EDUCATION

### Bachelor's Degree in Computer Science

2023

University of Colorado GPA: 3.8

Boulder, CO

**Coursework:** Software Development, Data Structures, Machine Learning, AI Ethics

## CERTIFICATIONS

- Certified AI and Machine Learning Professional 📅 2025
- AWS Certified Developer – Associate 📅 2024

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript
- **AI Development Tools:** OpenAI, TensorFlow, Docker
- **Cloud Platforms:** AWS, Azure
- **Agile Methodologies:** Scrum, Kanban, Extreme Programming

- **DevOps Practices:** CI/CD, Version Control, Continuous Testing
- **Software Development Lifecycle:** Requirements Analysis, Design, Development
- **Data Management:** SQL, NoSQL, Data Warehousing
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Project Management Tools:** JIRA, Asana, Trello
- **Monitoring Tools:** Prometheus, Grafana, Splunk

## SKILLS

- Python
- TensorFlow
- MLOps
- Communication
- JavaScript
- Docker
- Agile Methodologies
- Cloud Technologies
- TypeScript
- AWS
- Problem Solving
- API Development
- OpenAI
- Azure
- Collaboration
- Full Stack Development

## PROFESSIONAL AFFILIATIONS

- Active Member of Women in Technology Network
- Participant at Annual Hackathon for Health Innovations

## LANGUAGES

- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST