

# Andres Payne

## ML / AI Engineer Intern

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### STRENGTHS

-  **Team Collaboration**  
Worked seamlessly with cross-disciplinary teammates, chipping in unique perspectives that often proved valuable in solving intricate challenges throughout projects.
-  **Adaptability**  
In rapidly changing project environments, quickly adapted strategies and approached new challenges, demonstrating resilience immeasurable to overall project success.
-  **Creative Problem-Solving**  
Used both structured methods and creative insights to tackle development obstacles, frequently pushing solutions beyond conventional bounds, boosting innovation.
-  **Technical Proficiency**  
Through academic endeavors and successful project implementations, gained proficiency across varied programming languages, enhancing problem-solving skills significantly.
-  **Effective Communication**  
Skillfully conveyed complex concepts and technological details in layman's terms during presentations, which bolstered peer feedback and mentorship opportunities.

### SKILLS

- Machine Learning AI Development
- Python TypeScript
- Natural Language Processing
- Data Structures
- Recommendation Systems
- Voice Recognition
- User Experience Design

### SUMMARY

Aspiring computer science student driven by passion for machine learning and AI technologies, ready to merge theoretical knowledge into real-world applications. Experience includes developing innovative AI-driven solutions, collaborating with various teams, and refining user experiences via emerging technologies. Eager to contribute to groundbreaking projects that promote human connection through AI while relying on a strong foundation built from academic pursuits, hands-on projects, and collective accomplishments.

### EDUCATION

**Bachelor's Degree in Computer Science**  
University of Colorado  GPA: 3.8  2027  Boulder, CO  
***Coursework:** Data Structures, Machine Learning, AI Programming, Natural Language Processing*

### TECHNICAL SKILLS

- Programming Languages:** Python, Java, C++
- Machine Learning Frameworks:** TensorFlow, PyTorch, Scikit-learn
- Web Technologies:** HTML, CSS, JavaScript
- Cloud Platforms:** Google Cloud, AWS, Azure
- Version Control Systems:** Git, GitHub, Bitbucket
- Database Technologies:** MySQL, MongoDB, PostgreSQL
- Development Tools:** Visual Studio Code, Jupyter Notebook, Eclipse
- API Technologies:** REST, GraphQL, SOAP
- UX/UI Design:** Figma, Adobe XD, Sketch
- Collaboration Tools:** Slack, Trello, Zoom

### EXPERIENCE

- Machine Learning Intern**  
University Project  January 2026 - Present  Remote  
Focused on building AI-driven prototypes within a collaborative environment, enhancing relationships with peers and faculty alike. Tasks involve producing AI agents leveraging modern machine learning frameworks aimed at improving user experience through personalized content delivery.
- Developed an LLM-based AI agent to suggest content aligned with user interactions.
  - Collaborated with classmates to create a voice input system, optimizing AI usability.
  - Tested and refined several recommendation algorithms to boost content accuracy.
  - Transformed raw user input into meaningful data, enhancing AI capabilities.
  - Engaged in agile processes for feature development focusing on rapid feedback integration.
  - Showcased results in front of faculty, earning applause for innovative methodology.
- AI Systems Developer**  
University Project  September 2025 - December 2025  Remote  
Contributed to an engaging capstone project involving a matching system that pairs users based on shared interests, promoting connectivity fueled by insightful AI interpretations. Responsible for direct coding efforts and systematic testing protocols for optimal performance outcomes.
- Created user interfaces integrating Python and TypeScript for enhanced AI interaction.
  - Utilized vector databases for scalable data processing, ensuring reliability under stress.
  - Participated in weekly sprint reviews to track project success and adjust workflows accordingly.
  - Documented all stages of the development process leading to comprehensive project analysis.
  - Obtained favorable user feedback highlighting matching system effectiveness.
  - Iteratively evaluated improvements and features based on iterative feedback sessions.

Agile Methodologies

Team Collaboration

Project Management Prototyping

API Integration Software Testing

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



Machine Learning Intern at University Project (6 Months)

AI Systems Developer at University Project (3 Months)

AI Research Assistant at Hackathon Project (2 Months)

## AI Research Assistant

Hackathon Project 📅 June 2025 - August 2025 📍 Remote

Actively participated in a creative hackathon targeting AI solutions for social enhancement. Achieved accolades for prototype design and functionality, playing a pivotal part in a winning team delivering impactful AI systems.

- Engineered a prototype voice system dedicated to fostering connections among users.
- Conducted thorough qualitative studies to refine user interaction models and expectations.
- Incorporated speech-to-text features ensuring usability across diverse demographics.
- Designed compelling presentation materials effectively communicating technical aspects.
- Engaged with other teams for strategic alignment and optimized collaboration output.
- Recognized by event coordinators for creativity and team contribution during showcases.

## LEADERSHIP & AWARDS

- Dean's List, University of Colorado, 2025
- 1st Place, University Hackathon, 2025

## CERTIFICATIONS

- Google AI Certification 📅 2026
- Coursera Machine Learning Specialization 📅 2026

## PROFESSIONAL AFFILIATIONS

- Member, AI Club, University of Colorado
- Volunteer, Computer Science Outreach Program

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST