

# 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

11

MONTHS

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