



# Machine Learning Engineer, Education

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📍 Redwood City, CA (Hybrid)

## The Team

At Learning Commons, we pair technology with grantmaking to scale proven teaching and learning practices to benefit every learner. We aim to translate what learning science tells us about how students learn best into classroom practice. With the advent of generative AI, that translation work can be accelerated and scaled to have a greater impact.

Our mission is to bring learning science into the tools used every day by teachers and students, ensuring that technology reflects the realities of classrooms and strengthens teaching and learning.

In today's fragmented edtech landscape, school districts are often left piecing together products that don't always align with curricula or instructional needs. While AI holds enormous potential to support educators, it can only deliver on that promise when grounded in research, high-quality educational data, and expert evaluation. That's why we're building open, public-purpose infrastructure — datasets, rubrics, and resources — that help raise the standard for educational tools and create more consistent, impactful learning experiences for all students and teachers.

At our core, we are builders, and our unique builder philanthropy approach is what sets us apart from other education funders. Take a closer look at the [highlights and significant milestones](#) of CZI's first eight years of education work.

## The Opportunity

Educators are already using AI-based tools in various ways—including generating lesson plans, creating classroom materials such as tests and assignments, and helping differentiate instruction for students. We are inspired and excited about the possibilities and promise of AI to accelerate the availability of research-backed practices at scale. We are actively and thoughtfully exploring how to incorporate AI into products in close partnership with researchers, experts, and educators.

As a Machine Learning Engineer on the AI/ML team, you will play a crucial role in translating cutting-edge AI research and exploration into tangible tools and capabilities. You'll work on

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applying and scaling machine learning models to address specific educational challenges. You'll have the opportunity to own significant features and contribute to the design of robust, scalable ML systems.

## What You'll Do

- Assist in design, develop, and deploy machine learning models and systems to address key educational use cases, taking ownership of specific features or small projects.
- Contribute to implementation and optimize techniques such as fine-tuning, Retrieval Augmented Generation (RAG), and other deep learning methods for applications in the education domain.
- Partner closely with tech lead, product managers, data scientists, staff engineers, and expert partners to understand requirements, iterate on solutions, and deliver impactful AI-driven features.
- Stay current with new developments in AI/ML research and identify opportunities for their practical application within the team's projects.
- Write robust, well-tested, and maintainable code, and participate actively in code and design reviews.

## What You'll Bring

- Enjoy working in a highly interactive and cross-functional collaborative environment with a diverse team of colleagues and external partners.
- Typically, a minimum of 2 years of relevant industry experience in developing and applying machine learning methods.
- Experience building, training, and deploying AI/ML models, with a good understanding of deep learning methods.
- Expert in programming languages commonly used in ML (e.g., Python) and familiarity with relevant ML frameworks and libraries.
- Experience in translating ML research or prototypes into functional software and features.

## Compensation

The Redwood City, CA base pay range for a new hire in this role is \$169,000 - \$264,000. New hires are typically hired into the lower portion of the range, enabling employee growth in the range over time. Actual placement in range is based on job-related skills and experience, as evaluated throughout the interview process.

## Work Mode

As we grow, we're excited to strengthen in-person connections and cultivate a collaborative, team-oriented environment. This role is a hybrid position requiring you to be onsite for at least 60% of the working month, approximately 3 days a week, with specific in-office days determined by the team's manager. The exact schedule will be at the hiring manager's discretion and communicated during the interview process.

## Benefits for the Whole You

We're thankful to have an incredible team behind our work. To honor their commitment, we offer a wide range of benefits to support the people who make all we do possible.

- Provides a generous employer match on employee 401(k) contributions to support planning for the future.
- Annual benefit for employees that can be used most meaningfully for them and their families, such as housing, student loan repayment, childcare, commuter costs, or other life needs.
- Life of Service Gifts are awarded to employees to "live the mission" and support the causes closest to them.
- Paid time off to volunteer at an organization of your choice.
- Funding for select family-forming benefits.
- Relocation support for employees who need assistance moving to the Bay Area
- [And more!](#)

If you're interested in a role but your previous experience doesn't perfectly align with each qualification in the job description, we still encourage you to apply as you may be the perfect fit for this or another role.

Explore our [work modes](#), [benefits](#), and [interview process](#) at [www.chanzuckerberg.com/careers](http://www.chanzuckerberg.com/careers).

#LI-Hybrid



# Apply for this job

\* indicates a required field

**First Name \***

**Last Name \***

**Email \***

**Country**

**Phone**

**Location (City) \***

[Locate me](#)

**Resume/CV**

[Attach](#)

[Dropbox](#)

[Google Drive](#)

[Enter manually](#)

Accepted file types: pdf, doc, docx, txt, rtf

**Cover Letter**

[Attach](#)

[Dropbox](#)

[Google Drive](#)

Enter manually

Accepted file types: pdf, doc, docx, txt, rtf

LinkedIn Profile

This role is a hybrid role and will require you to be onsite approximately 3 days a week at our HQ in Redwood City, CA. Will you be able to commit to this? \*

Select...



Read more about our [Work Mode](#) options.

Are you currently eligible to work in the United States of America? \*

Select...



Do you now or in the future require visa sponsorship to continue working in the United States? \*

Select...



How did you hear about this job? \*

Select...



If 'Other', please specify how you heard about this job:

Have we met you at one of our events? If so, which one(s)? \*

- Tech Talks
- Sponsored Meetups
- Sponsored Conferences
- University Events / Career Fairs
- None

Would you like to be invited to our recruiting events and receive information about our work?

You'll have the option to opt out at any time. \*

Select...



Reasonable Accommodation and Data Privacy Notice. \*

Select...



### Reasonable Accommodation Notice

We provide (and state and federal law requires) reasonable accommodations to qualified individuals with disabilities. Please tell us if you require a reasonable accommodation to apply for a job or to perform your job (reach out to your recruiter or [accommodations@chanzuckerberg.com](mailto:accommodations@chanzuckerberg.com)). Examples of reasonable accommodation include making a change to the application process or work procedures, providing documents in an alternate format, using a sign language interpreter, or using specialized equipment.

### Applicant Privacy Notice

To learn more about how we use the information you submit, please see our [Privacy Notice for Job Applicants](#).

**Do you have 2+ years of relevant post grad industry experience in ML Engineering? \***

Select...



**What draws you to working on AI and ML tools for education? We'd love to understand what excites you about improving learning experiences for students and teachers, and how your past work connects (or could connect) to educational impact. \***

**How might you use Retrieval-Augmented Generation (RAG) or a knowledge graph to improve how teachers or students access reliable educational content? \***

## Voluntary Self Identification

For reporting purposes, we ask candidates to respond to the below self-identification survey.

Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in the organization's Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

[Race & Ethnicity Definitions](#)

[Veteran Status](#)

If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. Classification of protected categories is as follows:

A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

**Gender**

Select... ▾

**Are you Hispanic/Latino**

Select... ▾

**What is your Race/Ethnicity**

Select... ▾

**Veteran Status**

Select... ▾

- By checking this box, I consent to Chan Zuckerberg Initiative collecting, storing, and processing my responses to the demographic data surveys above.

Submit application

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