

NSF GRANT

t.Lab and Kettering University

October 2025

SHAPE THE FUTURE WITH A PREMIER AI PROGRAM FOR HIGH SCHOOL STUDENTS

We are thrilled to announce a groundbreaking partnership between t.Lab and Kettering University: the National Science Foundation (NSF) Experiential Learning for Emerging and Novel Technologies (ExLENT) Grant initiative. This program is designed to cultivate the next generation of leaders in Artificial Intelligence by providing a life-changing pathway to success for talented high school students.

Through this initiative, we aim to equip motivated 10th and 11th-grade students with the academic, technical, and leadership skills needed to excel in college and secure high-demand careers in AI. This is more than just a program; it's a comprehensive development experience that prepares students for the global marketplace.



WHO IS THIS PROGRAM FOR?

We are seeking dedicated and curious students who are ready to build a strong foundation for their future. If you are a current 10th or 11th grader with a passion for technology, science, or math, this opportunity is for you.

Eligibility Requirements:

Currently enrolled as a 10th or 11th-grade student.

A strong, demonstrated interest in STEM fields, particularly Artificial Intelligence. Commitment to active participation in all academic, leadership, and technology programs.

A personal goal to achieve a minimum score of 30 on the ACT exam. Willingness to fully engage in all program components, including workshops and internships.

A parent or guardian must be able to participate in Parent University sessions, held on the 4th Saturday of each month.



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UNLOCK UNPARALLELED BENEFITS

Participants in the NSF ExLENT program will gain a significant competitive edge. This initiative offers transformative benefits at no cost to the students and their families.

Hands-On Experience: Gain invaluable real-world exposure through a market-based internship, complete with a stipend to help reduce financial barriers.

Comprehensive Skill Development: Build a powerful combination of academic knowledge, advanced technology skills, and critical leadership competencies.

A Foundation for Success: Create a strong portfolio for college applications and prepare for a thriving career in the rapidly evolving world of AI.



HOW TO APPLY: YOUR JOURNEY STARTS HERE

We've made the application process straightforward to identify candidates who show passion, potential, and a drive to innovate.

Online Application: Complete the form on our interactive web portal to provide your academic history and extracurricular involvement.

Statement of Interest: Share your passion for technology in a short essay. Tell us why you want to be part of this initiative and what you hope to achieve.

Recommendation: A letter from a teacher, counselor, or community leader is required to strengthen your application by highlighting your character and work ethic.

A selection committee will review all applications, and successful candidates will be notified with the next steps for enrollment.

READY TO BECOME A FUTURE INNOVATOR?



This is an exceptional opportunity for students to prepare for dynamic careers and for families to invest in a successful future. We encourage you to explore this transformative program together.

SCAN TO APPLY



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