



INSPIRIT AI in Salt Lake City!

**Artificial Intelligence Intensive for
Middle School Students**

**Developed and taught by Stanford and MIT
graduate students and alumni**



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Mission



WHY INSPIRIT AI MIDDLE SCHOOL?

We started Inspirit AI Middle School to **inspire students of all ages** to understand and apply the powerful technologies around them. Our mission is to **educate the next generation of technology leaders**, who will think critically about the ethical implications of the tools they create and apply their knowledge to achieve social good. In our programs, we bring together a **team of educators, scientists, and engineers from top universities** who are passionate about **mentoring young students** and sharing their expertise.

WHAT IS INSPIRIT AI MIDDLE SCHOOL?

What do self-driving cars, Alexa, and iPhone's face recognition technology have in common? They are driven by modern advances in Artificial Intelligence. Inspirit AI Middle School offers online project-based AI courses for **middle school students to deploy their own machine learning projects and learn how to code**. The program is developed and taught exclusively by **Stanford, MIT and top university alumni** and **graduate students** specializing in AI.

Inspirit AI Program Logistics: Rowland Hall, McCarthy Campus



Class will meet daily from **Monday July 7 - Friday July 18, weekdays only:**

Morning Session: 9:00am-12:00pm



Pricing: \$1,500 USD



Prerequisites: Students in grades 6-8.

Beginners are welcome, and advanced cohorts are available.



Apply Now: slcinspiritai.paperform.co



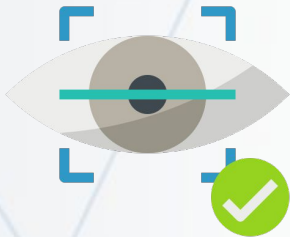
Contact: Jared Greene, Program Director,
jaredgreene@inspiritai.com



Rowland Hall, McCarthy Campus
(open to students from all schools.)

Why AI Now?

Whether you're interested in *law, healthcare, art, or economics*, AI is poised to transform almost every discipline and industry in the future. At the core of Inspirit AI's mission is to equip our students to lead impactful and successful careers. AI is already all around us today, and by the end of the program, students will understand the underlying concepts and motivations behind technology such as:



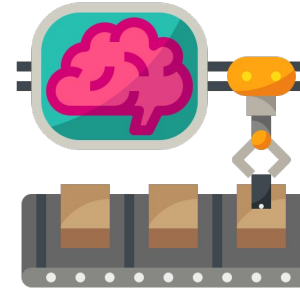
COMPUTER VISION

Self-Driving Cars
Facial Recognition
Medical Diagnosis



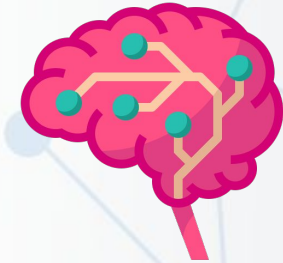
NATURAL LANGUAGE PROCESSING

ChatGPT
Alexa
Siri



RECOMMENDATION ENGINES

Netflix
Spotify
Amazon



DEEP LEARNING

Google Translate
Autocorrect
Chatbots

Our Team



MADDIE BRADSHAW

Director of Programs

Education: *Harvard* Master's in Technology, Innovation, & Education, *Stanford* Bachelor's in Science, Technology, & Society

Experience: Before joining the team, Maddie was a computer science and STEM teacher at a K12 independent school in Los Angeles. She is passionate about STEM education, project-based learning, and teaching.



EMILY LIANG

Lead Program Manager

Education: *Columbia* Master's in Computer Science, *NYU* Bachelor's in Economics and Computer Science

Research: Emily has explored how computer programming can improve our everyday lives through her academic research at Columbia and NYU. Her experience at Travelers Insurance helped shift her interest towards finding AI and data analytic solutions for real-world problems.



SEBASTIAN BEDOYA

Instructor

Education: *Caltech* Bachelor's in Computer Science

Research: Sebastian has been working in the field of AI and education since graduating, developing curriculum and teaching courses. Sebastian has research experience in a variety of fields, from biochemistry to astrophysics to AI in epidemiology.



IMTISAAL MIAN

Instructor

Education: *Harvard* Bachelor's in Bioengineering and English

Research: Imtisaal is an award winning author, a clinical researcher, and a national nonprofit founder, currently serving as the Director of NOVA Foundation: Opportunities for Youth. She has also held clinical research positions at top ranked institutions like The Hospital for Sick Children and Massachusetts General Hospital.



ANDREA MOCK

Instructor

Education: *Stanford* Master's student in Data Science, *Wellesley* Bachelor's in Data Science

Research: As a data professional, Andrea thrives on using technology and analytical skills to make sense of complex problems. Her passion for data science and engineering has taken her on a journey from Wellesley College, HackDiversity, DraftKings, and beyond.



DANIELA GANELIN

Curriculum Advisor

Education: *MIT* Master's in Computer Science (AI), *MIT* Bachelor's in Computer Science and Math, *MIT* Teaching License

Research: Studying economic disparities in online education, diagnosing dementia with machine learning, creating AI-generated images, and improving recommendation engines.

Building a Global AI Classroom

We've had the fortune of guiding **students** with interests across healthcare, robotics, art, economics, journalism, and more from **70+ countries** in learning fundamental AI concepts, preparing for college admissions, and applying their passions to achieve social good. **45% of our students come to the program with no previous background in CS.**



A Global Learning Community

70+

Students from
70+ Countries

400+

400+ Instructors
from MIT and
Stanford

75+

75+ Partner
Schools

150+

150+ students
accepted to Ivy
League schools

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Curriculum

In this **10-day, 30-hour** project-based program, we will explore the foundations of machine learning & explore different applications of machine learning models.

In the first half of the course, students **learn AI's core technologies** including applications, foundational concepts, & programming tools through live online lectures and coding labs. Students will not only learn about different types of machine learning models, but also **apply those models to real data sets**. In the second half of the course, students will complete an **instructor-led group project applying AI to a particular discipline** (e.g., music, healthcare, astrophysics, finance, etc.), utilizing their new programming skills!

Unit 1: NLP + Healthcare

Unit 1 Class Format

Instructor-Led Discussion

Coding Lab

Unit 1 Sample Class

Healthcare AI Ethics

Detecting Heart Disease

Unit 2: Computer Vision

Unit 2 Class Format

Instructor-Led Discussion

Coding Lab

Unit 2 Sample Class

Self-Driving Car Ethics

Vision for Self-Driving Cars

Unit 3: Machine Learning Final Projects

Unit 3 Class Format

Workshop

Coding Project

Unit 3 Sample Class

Instructor AI Research Spotlights

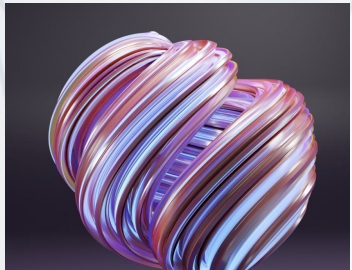
Final Project Work: Drawing Recognition or Movie Recommendation System

Featured Projects



AI + Disaster Relief

Leverage machine learning to help first responders allocate resources in crisis situations



AI + Art

Train models to recognize and complete sketches to create interactive & accessible computer systems



AI + Public Health

Use computer vision to determine whether people are wearing masks properly to improve public health

Inspirit AI in Leading Schools

We're proud to collaborate with schools and districts to offer **summer programs, in-school elective, after school programs** taught by our experienced top university AI instructors! Among our many collaborations include:



THE BRITISH SCHOOL MANILA

Inspirit partnered with British School Manila, a premier school in the Philippines, to bring an **after-school AI enrichment** activity to high schoolers.



Inspirit worked with Sal Khan's project-based school to offer a full-year **school-day elective** in the foundations and applications of machine learning.



Winchester
Thurston School

Inspirit collaborated with Winchester Thurston to integrate **capstone projects** into its innovative course "Machine Learning and the Social Implications of AI"

Student Highlights



Ally B.
AI Pioneers Alum

“The Inspirit AI camp was incredible! I not only learned about coding, but also formed connections with three project teammates from around the world. Attending this camp helped me realize my passion for **STEM** and **AI**.”



Elise H.
AI Pioneers Alum

“These are some of the best instructors and teachers I have ever had! Thank you for making this experience something truly special.”



Declan
AI Creators Alum

“I loved the course. The teachers were helpful and straight to the point. I totally recommend taking this course!”

Instructor and Student Experiences



**Sehj Kashyap (Stanford MS in BioEngineering),
Sedinam Worlanyo (Stanford MS Education)**



**Aashi Tyagi (Student, Dubai and Currently
studying CS and Business at UIUC)**

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High School Alumni Admissions

Since the program's inception:

500+ Inspirit AI Scholars have been accepted to undergraduate degrees at **Harvard, Yale, Princeton, Stanford, MIT, UC Berkeley, Oxford, and Cambridge**, among many other top universities worldwide. We are proud to have **150+** alumni accepted to Ivy League schools.

A snapshot of where our alumni have been admitted:



Princeton:
9 acceptances



Stanford:
17 acceptances



Harvard:
9 acceptances



**University of
Pennsylvania:**
25 acceptances



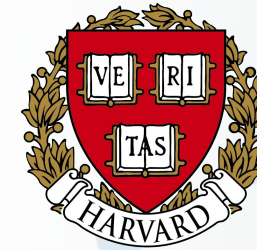
**University of
Cambridge:**
2 acceptances



UC Berkeley:
38 acceptances

Inspiring the Next Generation of Leaders: From High School to Higher Education

Our scholars come from schools from around the world and often attend the world's most prestigious higher education institutions. Here is a snapshot of some of our students' journeys.



BROWN



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Contact Info



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