



**SUMMER
SPRINGBOARD**
Look Inward. Go Upward.

Artificial Intelligence Infosheet

New student admissions for
Summer 2024 are open.



Program Highlights

- Gain exposure to the theory behind graph search algorithms, classification, optimization, reinforcement learning, and other topics in artificial intelligence and machine learning.
- Understand and examine the functions AI can perform and how they are already being used in cybersecurity around the world today.
- Practice how to write AI models and learn the fundamentals of Machine Learning.
- In teams students will learn how to use algorithms and functions to solve a real-world problem.



2024 Dates

Boston

- Session 1: June 16 - July 28



Academic Program Overview

The demand for expertise in AI and machine learning is rapidly increasing. Artificial Intelligence is revolutionizing the world we live in by facilitating the uprise of new technologies as well as improving old ones. Students will spend time exploring several emerging technology spaces and will learn the necessary skills to identify and defend against cyber attacks. Additionally, students will discover how to leverage artificial intelligence capabilities for good. The experience will conclude with an opportunity for students to apply their learnings to solve a current world problem.



Excursions

- MIT Museum
- More excursions TBA!

Instructors

Dr. Hong Pan

Dr. Pan attended Shanghai Jiao Tong University, where he studied Biomedical Engineering, and then received his PhD in Electrical and Computer Engineering from Purdue University. After obtaining his PhD, he first joined Cornell University Medical College as a faculty member then moved to Harvard Medical School as a faculty member where he further his invention to innovation technology transfer journey in data science applications for medical imaging. He is currently an Asst. Professor in Computer Science at Simmons University.

Tuition Information:

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course, weekend excursions
- **Excludes:** optional airport pickup and drop off service (available for an additional fee)
- **Price:** \$5,498

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 6pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner, weekend excursions
 - Weekend excursions can be added on for \$125 per day
- **Price:** \$3,198

Supplements:

- Application fee: \$99 (mandatory, non-refundable)
- Artificial Intelligence Course Supplement: \$250 tuition (mandatory)
- Tuition Protection Plan: Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.



Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday - Friday. During week two students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).



Typical Schedule



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[More info on Unaccompanied Minor Service](#)

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