



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

Middle School Online Blockchain Infosheet

New student admissions for
Summer 2023 are open.



Program Highlights

- Learn about the fascinating history and evolution of money around the world
- Explore digital currency and its creation, protection, and management
- Analyze blockchain technology and its various components
- Learn about Bitcoin, cryptocurrencies, NFTs, smart contracts, and the financial technology industry (FinTech)



2023 Dates

Session 2: July 10 - July 14:
2:00pm - 5:00pm PDT
5:00pm - 8pm EDT



Academic Program Overview

Have you wondered how Bitcoin really works? Blockchain is an underlying technology that uses the mathematical properties of numbers to create trust and security within various transactions.

Students will learn about the first applications in cryptocurrencies and the formation of digital currencies, such as Bitcoin. They will learn how the power of blockchain will far surpass its current usage in cryptocurrencies and applications in a variety of industries and applications, such as financial technologies (fintech). In this course, students will learn about the fascinating history of money around the world, usages of blockchain technology and its components such as: cryptography, public and private keys, and distributed ledgers. Students will explore other types of cryptocurrencies emerging in the marketplace, as well as other uses of blockchain such as, non-fungible tokens (NFTs), smart contracts, logistics, and more.

The course will culminate in a study of its usage in the financial technology industry. Students will learn why it's becoming more important for them to acquire the necessary skills in blockchain as it becomes more embedded in a broad spectrum of professional fields.

Instructors

Dr. Farhad Rostamian

Dr. Farhad Rostamian is currently a professor at UCLA teaching courses at both Anderson School of Management and Samueli School of Engineering. Prior to this academic position, he spent over 25 years making highly innovative and iconic products such as the pill camera (with Given Imaging), the camera for Apple's 1st iPhone (working directly with Steve Jobs), and sensors for disposable insulin pumps (with Medtronic). Learn more

Video: Learn more about the instructor, Farhad Rostamian

Payment Information

- Price: \$998
- Application fee: \$99 (mandatory, non-refundable)
- Emergency Medicine & Pre-Med course supplement: \$250 tuition (mandatory)



Course Structure

There are five 3-hour class sessions over the one-week course. During the week, students have class from 9am-12pm, Monday - Friday.

Students will spend time in groups and also perform individual contributions. Their course will culminate in a final presentation or project that provides an opportunity to demonstrate their skills acquired in the course.



Program Information

This program is open to any middle school student who will be entering 6th, 7th, or 8th grade in Fall 2023. Each session is limited to 35 students per track. Classes will be held via Zoom and facilitated in real-time by the instructor and a classroom coordinator. Upon completion of the course, students will receive a Certificate of Completion from Summer Springboard.

Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly which is run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.

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