



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

Blockchain and Cryptocurrency Online

New student admissions for
Summer 2023 are open.



Track Highlights

- Learn how to define what “sound money” is and trace the chronological evolution of abstractions of value throughout human history.
- Students will describe, compare, and contrast centralized and decentralized applications of a given technology or system.
- They will analyze peer to peer (P2P) computer networks and be able to list examples of existing P2P networks.
- Gain an understanding of how blockchain networks grow and the economic incentives that are required for healthy blockchain networks



Academic Program Overview

This innovative college-level course in partnership with iXperience is perfectly designed to help high schoolers gain real world knowledge and experience before committing to a Blockchain & Cryptocurrency career path. You will get the opportunity to apply your newly gained skills to a hands-on project. While specific briefs vary from course to course, all of the projects are selected to perfectly complement the skills covered in class and enable students to make a real-world impact.



Program Information

This program is open to any high school student who will be entering freshman, sophomore, junior or senior year in Fall 2023. Space is limited. Each session is limited to 35 students per track. Online classes will be held via Zoom and facilitated in real-time by the instructor and a classroom coordinator.



2023 Dates

Session 2: July 3 - July 13:
6:00 - 9:00 AM PT / 9:00 - 12:00 PM ET

Course Instructor

Chandler de Kock, Instructor - Chandler has several years of experience in the blockchain space, currently serving in a senior role at Astaria. He previously worked at New York-based UMA, where he was a senior growth strategist, after a lengthy period at Luno, a major blockchain technology company innovating in the security and storage of cryptocurrencies. He has a Masters degree in Financial Technology, Finance and Financial Management Services from the University of Cape Town, after completing his undergraduate studies in economics at Stellenbosch University.

Leon van der Vyver, Micro-Internship Coach/TA - Leon has a Masters in Innovation and Entrepreneurship and over the last few years has been working in the U.S. with On Deck, who are building the Silicon Valley in the cloud through a range of fellowships where the world's top talent comes to connect.

Payment Information

- Price: \$1,798
- Application fee: \$99 (mandatory, non-refundable)
- Emergency Medicine & Pre-Med course supplement: \$250 tuition (mandatory)

Summer Springboard programs are not run by our campus partners. Universities and their affiliated departments are not responsible for the Summer Springboard program in any way.



Real-World Class Project

The real-world project in this course will be assigned to student groups which they will undertake for each course's client that is a real-world company or organization. Students will be guided in their work by their Head Teacher and possibly their Teaching Assistants (TAs). Every day the instructional staff will hold office hours for students to use for assistance with their course-specific work and class project. On the final day of class, every group will present their project and recommendations. Previous project partners have included InnovFin, a company headquartered in Ontario, Canada, that specializes in blockchain technology and also provides capabilities in artificial intelligence (AI), internet of things (IoT) and augmented reality (AR)/virtual reality (VR). With over ten years of experience in the finance industry, this corporate collaborator provided the students with a project outlining potential avenues for involving cryptocurrencies in the support of charities and non-profit organizations. The students had to consider various strategic approaches to the project as part of the project.



Course Structure

- Week 1: Students will kick off their week with an introduction to blockchain, then move on to distributed databases and consensus. They will then learn about decentralization and the mechanics of blockchain, and finish the week learning about cryptography and hashing.
- Week 2: In their second week, students will learn more about keeping data safe, understanding limits, and then finish their learning with blockchain applications. Their second week will culminate with a final presentation.