



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

Software Engineering Online

New student admissions for
Summer 2023 are open.



Track Highlights

- Gain an understanding of software engineers do and how the Internet works.
- Learn to use tools such as Github, VS Code, and the Chrome dev tools.
- Learn the different parts of development, coding, styling, and integration.
- Gain an understanding of the concepts of data transfer, HTTP requests, and APIs.



2023 Dates

Online

- Session 2: July 3 - July 13 (Online Only)

All classes will be run from: 7:00am - 10:00am PDT / 10:00am - 1:00 pm EDT



Academic Program Overview

Students in this course will be given the opportunity to work with an exciting company and work in groups to learn more about website development and how it works in practice. In each classroom session, students will learn new skills and aspects of web development which they will be able to apply to their real-world project. In their groups, they will work on project deliverables, construct their project documents and work on their presentations. Their real-world project will involve working with a company that is developing customized, gamified learning journeys based on their clients' technology-stack, internal tools and company culture. The company's clients are working to address core competency gaps to further develop work-ready graduates through a customized training program.



Actually my biggest takeaway was not about the course content but about the micro-internship as I now really understand the importance of intergroup communication and planning.

- Marina C., former iX student

Instructor

Instructor and Micro-Internship Coach/TA for this course:

Instructor: Akhil Boddu

Akhil was born in Hyderabad, India, brought up in Nairobi, Kenya and is now building a career in South Africa running two specialist web development companies. He graduated from the University of Cape Town (UCT) with a first-class degree in Computer Science and Information Systems as well as a postgraduate qualification. Today, Akhil owns and runs Zaio, which focuses on training and placements for software developers. His core expertise lies in web development as a Full Stack Developer (React JS and Node JS). While still a student, he built his skills as a Computer Science tutor at UCT, became Chairperson of the UCT Developer Society, and became an Intel Ambassador.

Teaching Assistant: Unam Tsitsa

Unam has a BA from University of Cape Town in Media Studies, Dramatic Arts & Religious Studies. She began her career as a CRM Implementation Specialist at Huble Digital South Africa and is currently a Junior Product Marketing Manager for Adhara where she works on creating engaging online social media content and supports the authorship, design and maintenance of core product and solution materials.

Payment Information

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



Course Structure

- Week 1: Students will kick off their week with an introduction to javascript, then they will begin to explore Chrome development tools, Github & VS code. They will then learn about web development and coding, and finish the week learning about styling and integration.
- Week 2: In their second week, students will learn more about concepts of data transfer, HTTP requests & APIs, and then finish by learning how to present online. Their second week will culminate with a final presentation.



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.

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.

2023_V2