



Computer Science Entrepreneur Summer Internship 2023

We seek applications from rising 11th and 12th-grade students for this remote learning summer program. The learning focus is split equally between technical product development and the business strategy required to productize student-proposed business ideas. Students will learn key concepts to build a well-rounded career in computer science. Our industry experts panel team will guide the students to practical learning to supplement the student's acquired theoretical knowledge.

Students will learn

1. CS and business entrepreneurship principles
2. Product strategy: Ideation to market research
3. Design principles: UX wireframing to prototyping
4. Software development methodologies
5. Product management business metrics
6. Go-To-Market launch strategies
7. Personal brand management, essay writing skills for college admissions

Prerequisites

1. Software programming skills in at least one language, web technologies
2. Demonstrated interest in technology and entrepreneurship
3. Commitment: 15-hours/week

Target student profile

- You have cool product ideas and seek guidance to execute your vision.
- Are keen to learn the management principles of software development.
- Entrepreneurs who intend to master the product pitch, marketing, and strategy.

Program Details

- Detailed agenda from prior class: <https://bit.ly/CSSI-2023>
- Blog article program highlights: <https://bit.ly/3hNJHER>
- Past student team presentations: <https://bit.ly/3KzVrqH>

Dates

June 12th through July 21st (6-weeks)

Schedule

Monday 6 PM-8 PM PST • Course material, case studies • TA college guidance • Student presentations	Wednesday 6 PM-8 PM PST • Course material, case studies • Industry mentor guidance • Student presentations	Fridays 6 PM-7 PM PST • Course material, case studies • TA technical guidance • Student presentations
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Program Directors

1. Harpal Kochar, <https://www.linkedin.com/in/harpalkochar>
2. Sriram Thiruvengkatachari, <https://www.linkedin.com/in/sriram>
3. Sidda Eraiah, <https://www.linkedin.com/in/sidda>

Teaching Instructors

1. Andrew Wang
2. Srikar Sriram
3. TBD

Collaborative instructional model

The Khan Academy teaching model is our inspiration to impart learning to this class —where teachers will introduce lectures for students in advance using the online Google classroom. Class time for group discussions and projects otherwise relegated to homework. The framework gives our instructors more time to go in-depth through meetings, projects, and other class activities in this unique learning way.

Registration, Fees, and Costs

- Fees: \$200 (tax-deductible donation)
- Apply online at <https://sciencegurus.org/CSReg.php>

Application deadline, next steps:

- Apply by April 30th, 2023, 11:59 PM PST
- Zoom based intro session will be notified and setup in second week of May.
- Selection notification, enrollment fee payment details will be sent via email by May 10th, 2023
- Questions? email: computerscience@sciencegurus.org