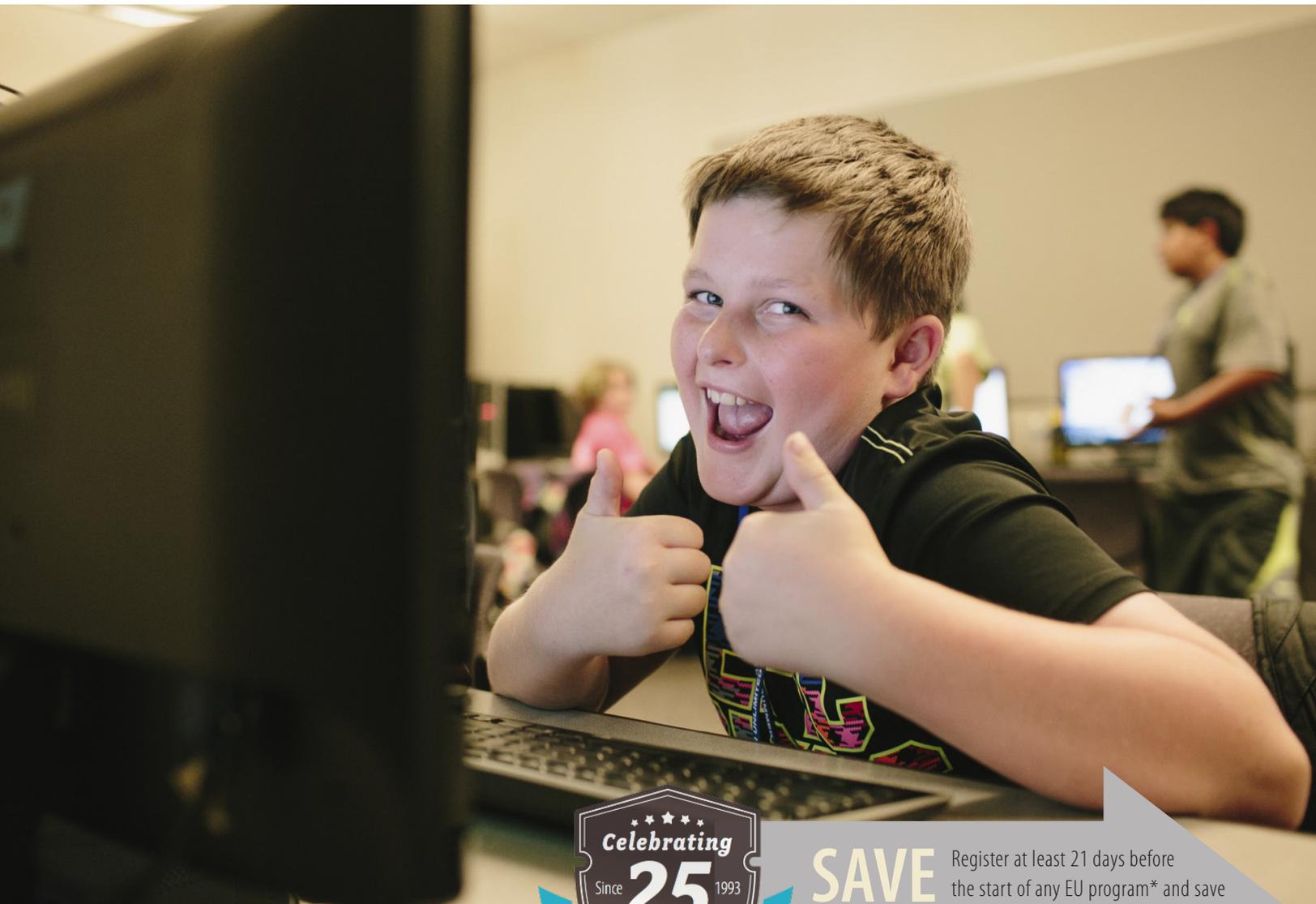




educationunlimited®

Computer Camp

Summer camp for rising 4th - 12th graders



**SAVE
\$100**

Register at least 21 days before the start of any EU program* and save \$100. Use code EARLY100. *Not valid on Camp Brainy Bunch.

Offered by Education Unlimited at
Stanford University | UC Berkeley

Welcome

Computer Camp



Web design and software programming are perhaps the most sought-after skills in this hi-tech era. For tech-savvy students who want a leg up on the competition by building critical computer skills early in life, or for students who just love gaming, design, and logic, Education Unlimited's Computer Camp offers hands-on instruction in both creative and practical computer skills. Experienced instructors encourage students to use their imaginations while exploring fundamental and emerging technologies and software.

Why an Education Unlimited Computer Camp?

- Individualized Instruction: EU seeks to offer the most personalized instruction possible, with separate sessions for elementary, middle, and high school campers that break students into skill-level groups. Students are placed in small classes with remarkably low student to teacher ratios. On the first day, instructors assess each student's previous experience and knowledge in order to challenge them appropriately and provide a fun, tailored learning experience.
- A Computer for Each Student: Each student receives his/her up-to-date PC during the course of the program.
- Top Instructors: We recruit instructors from top universities and/or hire experienced industry professionals. Each instructor has a specialty in some aspect of web programming and/or design, in addition to experience working with K-12 students.
- University Campus Life: Students at Computer Camp live in the heart of American computer innovation – the San Francisco Bay Area. Participants eat in university dining halls and take classes on-campus. They play sports on sprawling green quads, watch movies in dorm lounges, and get a taste of the exciting life of a college student on a prestigious campus.
- Challenging Core Curriculum: Each session gives students an opportunity to focus on a particular specialty.

Course Description

5 different focus weeks

Web Design - CSS & HTML

LOCATION UC BERKELEY

GRADES 5TH – 8TH, 9TH – 12TH

LOCATION STANFORD

GRADES 6TH – 8TH, 9TH – 12TH

This session equips students with the skills and in-depth knowledge to construct their own web sites from scratch. Campers learn how to become self-sufficient Hyper Text Markup Language (HTML) and Extensible HTML (XHTML) coders. Simultaneously, they learn how to stylize their pages using Cascading Style Sheets (CSS). Starting with the very basics, campers build a strong foundational understanding of the process of web development and then journey through intermediate and advanced levels via instruction, team work, and exploration. Halfway through, they are taught and encouraged to use text editors such as Notepad++ to help them learn best practices employed for syntactical structures of their code, which helps them become more organized and efficient developers. At the end of the program, campers are introduced to more robust web development tools such as Adobe Dreamweaver and Aptana Studio, which speed up their development.

Web Design - Javascript

LOCATION STANFORD

GRADES 9TH – 12TH

This camp assumes a prior knowledge of Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS), and adds JavaScript programming (and/or CoffeeScript programming based on instructor evaluation of overall camp performance) in order to enable campers to build client-side web applications. Campers build on their knowledge of the process of web development, and move quickly through

intermediate and more advanced levels via instruction, team work, and exploration. Finally, campers are introduced to JavaScript development libraries such as jQuery and then left free to explore the rich tapestry of libraries in order to develop final projects in the form of a web application containing HTML, CSS, and JavaScript. They are encouraged to use any JavaScript libraries they wish in order to work quickly and add professionalism.

Java Programming 1 & 2

LOCATION STANFORD

GRADES 9TH – 12TH

Java is an object-oriented computer programming language that is specifically designed to have as few implementation dependencies as possible. It is intended to let application developers “write once, run anywhere” (WORA), meaning that code that runs on one platform (Windows, Mac, Linux, etc.) does not need to be recompiled to run on another. Campers in this program will learn how to program in Java through the creation of games. They will start from the very basics and advance into simple graphical games which they will design individually or in groups of their own choosing. Some of the recurring popular final projects include Pong, Tic Tac Toe, and multiplayer car racing. A standing tradition of this camp is to visit the Mountain View Computer History Museum in order to provide context for computer programming in the vast field of computer science.

Graphic Design & 3D Imaging

LOCATION STANFORD

GRADES 9TH – 12TH

The graphic design week of Computer Camp will explore the theory and principles behind

graphic design as well as provide hands on experience with computer aided design. The campers will be introduced to a history of graphic design as well as current day trends in design. Focusing on graphic designs impetus to web applications, such as wire-framing, visualizing UI-UX possibilities, still imagery editing and an in-depth understanding of the tools of Photoshop. We will also explore the functions of 3D imaging and printing. Through a critique based evaluation of projects student will learn how to be perceptive to the principles of design, which will become a basis for further development when they graduate from the program.

Elementary Education Week

LOCATION STANFORD

GRADES 4TH – 6TH

LOCATION UC BERKELEY

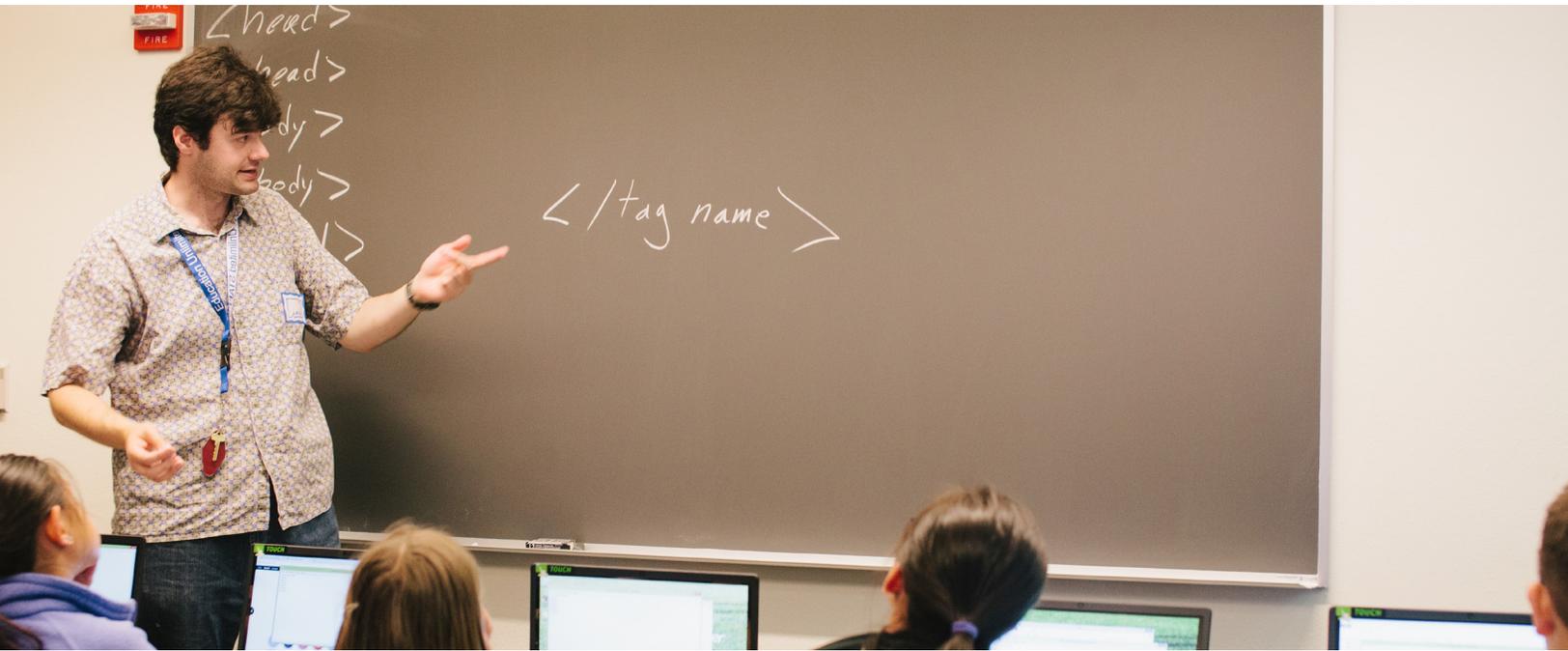
GRADES 5TH – 8TH

This special session of Computer Camp is designed to meet the needs of younger students entering grades 4-6. Elementary Education students will study the same basic skills as older Computer Camp students in a setting designed to encourage younger students’ enthusiasm for the activities. Our supportive and experienced staff lead fun educational activities and provide supervision that is age-appropriate. Campers survey Web Design and Desktop Publishing. They create a web page on a topic of their choosing, and work together to create a Camp Newsletter. Classroom hours, recreational activities, and supervision are adjusted specifically for elementary school students.

**DESCRIPTIONS, PROGRAM DURATION, ACTIVITIES, STAFF, AND LOCATIONS LISTED ARE SUBJECT TO CHANGE.

Selected Faculty

Profiles of our outstanding instructors



Navid Shaghghi

Navid received his Master's Degree in Sustainable Energy Engineering from Santa Clara University and completed his undergraduate studies at the UC Berkeley with a BS in Electrical Engineering and Computer Science (EECS) and a BA in Philosophy. He also has seven associate degrees in Mathematics, Sciences, Natural Sciences, Social Sciences, Behavioral Sciences, Humanities, and Teacher Education Preparation. As a student leader, Navid was a student government senator, chairman of various committees, Inter Club Council President, and the founder of two student organizations and two campus political parties. Professionally, Navid is a computer engineering adjunct lecturer at Santa Clara University and a veteran Education Unlimited computer camp instructor. He was a computer engineer at Santa Clara University's Media Services and a web developer for UC Berkeley during his graduate studies. Also, he has been a math, physics, and computer science tutor for nearly a decade, and has worked as a teaching

assistant, computer network designer, computer/web programmer, and Auto CAD contractor. One of his favorite programming languages is Java and he enjoys teaching it a lot because the language enables its developers to "write once, run anywhere," meaning that code written by Java programmers runs on any platform and does not need to be changed when used on different platforms. This, for him, captures the true essence of open source programming. Navid currently lives in Berkeley, California and enjoys hiking, photography, movies, and philosophizing with friends and old professors in his spare time.

"The best feature of this camp was the amazing amount of time we spent doing practice applications with the programming language, gaining lots of hands on experience."

Murtaza Munaim, Computer Camp participant

2018 Information

Dates and schedule

sample schedule *high school*

8:00am	Breakfast in the dining hall (overnight campers only)
8:30 – 9:00am	Extended camper check-in
9:00am	Morning class time – lecture, discussion, and computer lab time
12:30pm	Lunch in the dining hall (included for all campers)
1:30pm	Afternoon class time – small group project work and individual consultations
5:00pm	Dinner in the dining hall (included for all campers)
6:30pm	Evening elective classes and computer lab time
8:00pm	Evening recreation activities
9:00pm	Extended day camper check-out
10:00pm	Floor check
11:00pm	Room check & lights out



sample schedule *middle school*

7:30am	Overnight campers – wake up!
8:00am	Breakfast in the dining hall (overnight campers only)
8:30 – 9:00am	Day camper & extended day camper check-in
9:00am	Morning class time – lecture and discussion
12:00pm	Lunch in the dining hall (included for overnight and extended day campers; day campers can purchase an optional lunch package or bring a lunch)
1:00pm	Afternoon class time – small group project work and individual consultations
5:00pm	Day camper check-out
	Dinner in the dining hall (overnight and extended day campers only)

“(The instructor) is fun and lets us learn hands-on and is there when we need help...I want to come back.”

Cathy McDermott, Computer Camp participant

2018 dates *UC Berkeley*

PROGRAM	DATES	GRADE
HTML/CSS/Python	Jun 17 - Jun 22	5th – 8th
Webdesign I	Jul 1 - Jul 7	9th - 12th

2018 dates *Stanford*

PROGRAM	DATES	GRADE
Coding Foundations	Jun 24 - Jun 29	4th - 6th
Java Programming I	Jul 8 - Jul 14	9th - 12th
Graphic Desing & 3D	Jul 15 - Jul 21	9th - 12th
Web Design 1	Jul 22 - Jul 28	9th - 12th
HTML/CSS	Jul 29 - Aug 3	5th - 8th

Join Us!

Education Unlimited

Regular Enrollment A check for full tuition or a deposit, (credited toward the total program cost), must accompany your application. Applicants are considered on a first come, first served basis except for Summer Focus, A+ Summer, and CAPC Intensive, which are competitive. Applicants not accepted to the program will have their tuition payment returned, otherwise no refund of any kind is offered without the Protection Plan.

Tuition Assistance Students with financial need are encouraged to call or write for tuition assistance information, or send an email to campinfo@educationunlimited.com. See website for details.

Mail the Following

- Completed application.
- Deposit check (\$495 deposit for programs under \$2,300; \$695 for programs \$2,300–\$3,500; \$995 for programs over \$3,500), including the Tuition Protection Plan fee, if desired (*it may not be added after application*). See website for details.
- International students add \$100.
- Wait for your enrollment confirmation! (*Please do not make any travel plans until you receive final program details.*)

Sign me up for the following 2018 Camp:

Camp Name	Grade Range
Camp Location	
Camp Dates	Camp Tuition

I am ready to apply!

Enroll me as a (circle one):	Overnight Camper	Extended Day Camper (9am - 9pm)	Day Camper (9am - 5pm)
Student's Name	Age	Grade Fall 2018	
Home Address	City	State	Zip
Home Phone	Student Email		
Date of Birth			
Parent (No. 1) Name	Parent (No. 2) Name		
Work Phone	Work Phone		
Cell Phone	Cell Phone		
Email	Email		
School Name			
School Address	City	State	Zip
How did you first hear about the program?			

Reminder You must remit the \$495, \$695 or \$995 deposit with your completed application. Make checks payable to Education Unlimited. Without the Tuition Protection Plan (TPP) this deposit is non-refundable unless the student is not accepted into the program. We recommend that you purchase the TPP, which provides a full or partial refund, as explained in our enrollment policies. The fee for the Protection Plan is 10% of the total tuition before any discounts and must be purchased with this application. No refund of any kind is offered without the TPP. If you answer yes for the TPP, full payment for the Protection Plan must be sent in with this application. With TPP, cancel 31 days or more before camp and receive 100% refund of tuition, cancel 15 - 30 days before camp for a 70% refund, cancel 3 - 14 days before camp for 40% refund. Cancel 2 days before camp or fewer, no refund is provided.

TPP Payment Enclosed: Yes No	Total Enclosed \$
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I hereby give permission for my child to participate in the above indicated program. I am also indicating my agreement to, and full acceptance of, all terms and conditions of enrollment listed on the Education Unlimited website and this brochure. See www.educationunlimited.com/pages/enrollmentpolicies.

Signature of Parent	Date
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Please note: Each student's progress in the program is dependent on the individual student's motivation and abilities.

Contact

www.educationunlimited.com
campinfo@educationunlimited.com
510-548-6612

Mail to Education Unlimited

1700 Shattuck Avenue, #305
Berkeley, CA 94709



Education Unlimited's® summer youth programs are independent of the listed universities, their respective admissions offices, and all other university programs and initiatives.