



INVESTIN

THE ULTIMATE WORK EXPERIENCE



The Young **Computer Scientist** Summer Experience **2026**



Ages 15-18
London | UCL Campus



Join us for the ultimate
work experience in
computer science this
summer in London.

Over the course of 2 weeks, students will step into the shoes of a computer scientist through a range of immersive career simulations and exclusive professional site visits.

This is a unique opportunity to work alongside top programmers, gain hands-on experience to boost university and job applications and experience life on-campus at a world-renowned university, University College London.

Ages
15-18

Location
London, UCL Campus

Length
1 week or 2 weeks

Start Date
27th July 2026



Programme Highlights

Assemble and programme an advanced line-sensing robot using Python

Create a working alpha in a two-day game jam with game design professionals

Discover exciting applications of computer science on a visit to a state-of-the-art motion capture studio

Receive expert career coaching and compete in a fintech assessment with invaluable feedback from industry experts

Gain a personalised certificate, industry reference letter and UCAS points for a Level 3 Qualification in Work Experience & Career Planning

Learn from and network with top software engineers, indie game developers, cyber experts and robotics professionals

I love computer science and I love programming in particular. I would love to work in video games and the programming behind them. I came here really struggling with the fact that I had to make new friends. I got to be in a new environment every day. It's been such a blast and I'm so grateful for the friends I've made and I'm never not going to be friends with them.

*Student, the Young Computer Scientist
Summer Experience 2025*

"The course featured a diverse range of topics ranging from software engineering, AI (incl. machine learning), and cyber security - with interesting challenges for every topic. Having completed the course, I feel that I have come away much more knowledgeable about computer science as a field and more informed about potential career paths."

*Student, the Young Computer Scientist
Summer Experience 2021*

Week 1

☐ Residential Package

☐ Programme Content

☒ Premium Content

Sample Summer Experience Timetable

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
07:30 - 09:30	Residential students arrive & check-in	Breakfast				
10:00 - 10:30		Travel to venue				
10:30 - 13:00		Enter the Summer Experience Programme welcome & networking with peers	User UI/UX & Front-End Engineering Design a website using the industry standard software - Figma	Back End Engineering Uncovering algorithms and debugging code	Robotics Assemble and programme a working obstacle avoidance robot	Cybersecurity Discover key offensive and defensive challenges in the world of cybersecurity
13:00 - 14:00		Lunch Break				
14:00 - 17:00		The World of a Computer Scientist Discover the foundations of computer science	The App Development Work in teams to devise your own tech startup app designs	Reinforcement Learning Explore the world of reinforcement learning in AI	Future of Finance Explore the future of finance & AI	Enter the world of the enigma machine Explore the world of encryrption and ceaser cyphers
17:00 - 17:30		Travel to accommodation				
17:30 - 19:30	Dinner & Break					
19:30 - 22:00	Induction & icebreakers	Movie night	Board game café	Sports & games night	Wellness evening	Quiz night
23:00	Lights Out					

Weekend (Premium)		Weekend (Residential)	
Saturday	Sunday	Saturday	Sunday
Breakfast		Breakfast	
Immersive strategy game & workshop	Professional development coaching sessions	Week 1 Residential Students Check-Out	Break - Free time
Lunch Break			Lunch Break
Psychometric testing & personality profiling	Expert university admissions & recruitment coaching		London walking tour
Dinner & Break			Sports day at central London park
Scavenger hunt	Crafts night		Dinner & Break
Lights Out			Scavenger hunt
			Crafts night
			Lights Out

WEEKEND - NON-RESIDENTIAL

Break - No Programmes

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:30 - 09:30	Breakfast					
10:00 - 10:30	Travel to venue					2-Week Residential students check-out & depart
10:30-13:00	Enter the Mo-Cap Studio Visit a state of the art motion capture studio in London	Enter the Game Jam Part I Making a video game, UI/UX, level design, build and test your own game	Enter the Game Jam Part II Making a video game, UI/UX, level design, build and test your own game	Enter the Fintech Forum App creation and pitching within the financial technology space	Assessment Centre Put all the skills you've developed to the test in an assessment centre	
13:00 - 14:00	Lunch Break					
14:00 - 17:00	3D Modelling with Blender Undertake a Blender masterclass, a 3D modelling software	Continued	Continued	Continued	Graduation Ceremony Closing speeches & certificates	
17:00 - 17:30	Travel to accommodation					
17:30 - 19:30	Dinner & Break					
19:30 - 22:00	Film night	Sports & games night	Wellness evening	Karaoke night	Prom	
23:00	Lights Out					
			17:30 - 21:00	Gala dinner with professionals		

Exact start/end times of each day will vary. Students will receive their personalised timetables with specific locations and venues, as well as a finalised social programme schedule, closer to the programme start date.

