

## THE FUTURE COMPUTER SCIENTIST SUMMER EXPERIENCE 2024

London | UCL Campus

Ages 12-14

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

## AGES 12-14

LOCATION London, UCL Campus

LENGTH 1 week or 2 weeks

**START DATE** 12th August





## **PROGRAMME HIGHLIGHTS**

Assemble and programme an using both Scratch base

> Take part in a 2-day game jar programmes to develop

Visit London's bustling tech dist universiti

Understand how to break into c robotics and complete a bes

Work along indie game devs, to security experts and leadin

Gain a personalised certificate of atte letter to boost university

"I really loved this experience. I have learnt the basics of Unity, how to control a robot, as well as meeting gamers and try out their unreleased game! I would recommend this experience to my friends and I can't wait to come again."

Student, the Future Computer Scientist Summer Experience 2023

advanced line sensing robot ed and python coding	
n using industry standard a working video game	
rict and one of the world's top es: UCL	
computer science, gaming or spoke assessment centre	
op software engineers, cyber og robotics professionals	
endance and an industry reference and job applications.	

"My highlight was the escape room. It was really interactive and a really helpful lesson on teamwork and cooperation and how important communication can be when working on the final product together."

Student, the Future Computer Scientist Summer Experience 2022

## SAMPLE TIMETABLE

Exact start and end times of each day will vary. Students will receive their personalised timetables with specific locations and venues closer to the programme start date.

							WEEKEND - NO	ON-RESIDENTIAL	
							BREAK - No	programmes	
	WEEK 1							WEEKEND - RESIDENTIAL	
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
07:30 - 09:30		Breakfast							
10:00-10:30	Residential students arrive and check-in	Travel to venue					1-week residential students check out		
10:30-13:00		Enter the Summer Experience Programme welcome & networking with peers	Robotics Intro to Al, robotics and ethics	Figma Masterclass Design a website using industry standard software	Back End Engineering Algorithms and debugging code	Indie Came Studios Meet with gaming professionals and QA test current projects	Break (Free time)	Break (Free time)	
13:00-14:00		Lunch Break							
14:00 - 17:00		Python Masterclass Crash course in using a popular programming language	Robotics Assemble and programme a state of the art robot	HTML & CSS Code your web project	Network Security Understand how to secure your work	Unity Masterclass Build elements of a game using unity	London walking tour	Sports day & scavenger hunt at central London park	
17:00-17:30									
17:30-19:30	Dinner & Break								
19:30-22:00	Evening Activities								
23:00	Lights Out								

Programme Highlights

Programme content

Resider

package			WEEK 2			
-7	Monday	Tuesday	Wednesday	Thursday	Friday	
07:30 - 09:30						
10:00-10:30						
10:30-13:00	Making a video g design, build ar	<b>me Jam</b> Jame, UI/UX, level Id test your own me	Escape Rooms Solve technology and mathematical puzzles to beat the escape room against the clock!	Career Coaching Understand the steps to break into computer science, practise interviews and look at the UCAS process	Enter the Assessment Centre Take part in a challenging team game and receive written feedback on your performance	
13:00-14:00						
14:00 - 17:00	Conti	nued	Continued	Networking Meet with top software engineers, game designers and other computer scientists	Graduation Ceremony Closing speeches & certificates	Residential students check-out & depart
17:00-17:30						
17:30-19:30						
19:30-22:00						
23:00						



## **DATES & FEES**

ACCOMMODATION CHECK-IN DATE	PROGRAMME START DATE		WEEK 1 PROGRAMME END DATE		WEEK 1 ACCOMMODATION CHECK-OUT DATE	WEEK 2 PROGRAMME END DATE	WEEK 2 ACCOMMODATION CHECK-OUT DATE
Sunday 11/08/24			Friday 16/08/24		Saturday 17/08/24	Friday 23/08/24	Saturday 24/08/24
SUMMER EXPERIENCE LENGTH		PROGRAMME FEE			RESIDENTIAL PACKAGE FEE	TOTAL PACKAGE FEE	AIRPORT TRANSFER ADDITIONAL FEE
1 Week		£1,950			£1,290	£3,240	6700 roturn
2 Week			£2,950		£2,795	£5,745	£300 return



#### WHAT'S INCLUDED IN A SUMMER EXPERIENCE?

All Summer Experience fees include:

- Career experiences alongside industry professionals:
  - 1-Week programme | 25 hours
  - 2-Week programme | 50 hours
- Personalised online agenda and timetable
- Programme materials, equipment and resources
- Exclusive visits to professional venues
- Experience days at London sites
- Coach travel to and from programme venues outside of London Zone 3 (departing from Bloomsbury)
- Programme assessment and personalised certificate
- Branded bag, notebook & pen
- Graduation ceremony (2-Week students only)
- Industry reference letter (2-Week students only)
- Safeguarding & pastoral care
- 12 months' free access to AmbitionX

#### **RESIDENTIAL PACKAGE FEES**

- Private rooms in university halls of residence
   1-Week programme | 6 nights
   2-Week programme | 13 nights
- 3 meals a day Breakfast & dinner served at the accommodation canteen Lunch vouchers to spend at Waitrose supermarkets Snacks & fruit
- All travel to and from programme venues
- Evening & weekend social activities
- 24/7 Safeguarding & pastoral care



## HOW TO BOOK

Registering for an InvestIN programme is a simple and straightforward process.

## Head to our website and choose your desired programme. Select your age bracket, career, programme format, length & dates.

You will promptly

receive a programme

confirmation email

If you have paid via deposit,

paid by 31st March 2024.

the outstanding fees must be

from us.

# 2 Fill in the registration form online and complete payment.

Pay in full or for our Summer Experiences, you can secure your place by paying a holding deposit of £950. Alternatively, you can contact us to receive an invoice.

## You will be invited to complete a pre-arrival form

- if you are attending one of our Summer Experiences up to 3 months in advance.
This is so we can gather important information for your time with us, such as medical information, travel details and visa requirements.

#### www.investin.org

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There is no official deadline to book, but places are highly limited and are allocated on a firstcome, first-served basis. Secure your place by visiting our website www.investin.org today or contact our expert admissions team at info@investin.org or via + 44 (0) 203 488 5089.

### ENROLMENT REQUIREMENTS

#### Subject Knowledge

Students do not require any prior industry knowledge or experience in order to attend an InvestIN programme. Our programmes are suited for students who are enthusiastic and passionate about their chosen career, whilst our professionals are here to coach students on everything they need to know!

#### Language Proficiency

Our programmes are delivered entirely in English and we require a minimum CEFR level of B2 (upperintermediate) in order to attend.

#### Visas

Students who require a visa to enter the UK should obtain a Standard Visitor Visa (the same that is used by tourists) for "study at an accredited institution". We can issue letters in support of visa applications once a student has registered for a place on a programme.

