

INVESTIN

IMMERSIVE CAREER EXPERIENCES



THE YOUNG **COMPUTER** **SCIENTIST** SUMMER EXPERIENCE 2024



London | UCL Campus
Ages 15-18

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 computer scientists, 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
29th July



INVESTIN
IMMERSIVE CAREER EXPERIENCES

Dukes
EDUCATION

BAC
RECOGNISED
BACCALAUREATE

Trustpilot
★★★★★



PROGRAMME HIGHLIGHTS

- Assemble and programme an advanced line sensing robot using both Scratch based and python coding
- Take part in a 2-day game jam using industry standard programmes to develop a working video game
- Visit One Canada Square, London's bustling tech district and one of the world's top universities: UCL
- Understand how to break into computer science, gaming or robotics and complete a bespoke assessment centre with personalised feedback
- Work along indie game devs, top software engineers, cyber security experts and leading robotics professionals
- Gain a personalised certificate of attendance and an industry reference letter to boost university and job applications

"Brilliant experience! This programme has increased my knowledge on the gaming industry and I know I want to be a part of it. I now know what it is like to do programming, designing UI, creating and much more!"

Student, the Young Computer Scientist
Summer Experience 2022

"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

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.

| | | WEEK 1 | | | | | WEEKEND - NON-RESIDENTIAL | | | |
|---------------|--|---|--|---|---|--|---------------------------|--|-----------------------|--|
| | | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
| 07:30 - 09:30 | Residential students arrive and check-in | Breakfast | | | | | | | BREAK - No programmes | |
| 10:00-10:30 | | Travel to venue | | | | | | 1-week residential students check out | Break (Free time) | |
| 10:30-13:00 | | Enter the Summer Experience Programme welcome & networking with peers | Robotics Intro to AI, robotics and ethics | Figma Masterclass Design a website using industry standard software | Back End Engineering Algorithms and debugging code | Indie Game Studios Meet with gaming professionals and QA test current projects | | | | |
| 13:00-14:00 | | Lunch Break | | | | | 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 | | Travel to accommodation | | | | | | | | |
| 17:30-19:30 | | Dinner & Break | | | | | | | | |
| 19:30-22:00 | | Evening Activities | | | | | | | | |
| 23:00 | | Lights Out | | | | | | | | |

Programme Highlights

- Programme content
- Premium benefits
- Residential package

| | | WEEK 2 | | | | | WEEKEND - PREMIUM | | |
|---------------|---|--|---|---|---|--------|-------------------|--------|--|
| | | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
| 07:30 - 09:30 | Residential students check-out & depart | Breakfast | | | | | | | |
| 10:00-10:30 | | Travel to venue | | | | | | | |
| 10:30-13:00 | | Offensive Hacking Complete high intensity challenges to prevent a cyber attack | The Game Jam Making a video game, UI/UX, level design, build and test your own game | The World of Fintech Introduction to financial technology | Assessment Centre Computer science assessment with python puzzles and code challenges | | | | |
| 13:00-14:00 | | Lunch Break | | | | | | | |
| 14:00 - 17:00 | | Defensive Hacking Ethical hacking to help protect your network | Continued | Fintech Forum Present your fintech project to experts | Graduation Ceremony Closing speeches & certificates | | | | |
| 17:00-17:30 | | Travel to accommodation | | | | | | | |
| 17:30-19:30 | | Dinner & Break | | | | | | | |
| 19:30-22:00 | | Evening Activities | | | | | | | |
| 23:00 | | Lights Out | | | | | | | |

17:30-21:00 Premium Activity: Gala dinner with professionals on the River Thames



FIND OUT MORE & REGISTER NOW

DATES & FEES

| INTAKE | 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 |
|----------|-----------------------------|----------------------|---------------------------|-------------------------------------|---------------------------|-------------------------------------|
| Intake 2 | Sunday 28/07/24 | Monday 29/07/24 | Friday 02/08/24 | Saturday 03/08/24 | Friday 09/08/24 | Saturday 10/08/24 |

| SUMMER EXPERIENCE LENGTH | PROGRAMME FEE | RESIDENTIAL PACKAGE FEE | TOTAL PACKAGE FEE | AIRPORT TRANSFER ADDITIONAL FEE |
|--------------------------|---------------|-------------------------|-------------------|---------------------------------|
| 1 Week | £1,950 | £1,200 | £3,150 | £300 return |
| 2 Week | £2,950 | £2,600 | £5,550 | |
| 2-Week Premium | £3,950 | £2,600 | £6,550 | |



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
 - 2-Week Premium programme | 65 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

WHAT'S INCLUDED IN A 2-WEEK PREMIUM SUMMER EXPERIENCE?

- Our Premium Summer Experience fees include 15 additional hours of experience with professionals, plus a professional development portfolio to kickstart your future career:
- A professional development portfolio, containing:
 - An expertly crafted CV and LinkedIn profile
 - Professional headshots
 - Psychometric testing and a personality profile outlining skills, development areas & motivations
 - A bespoke feedback report on performance in the team challenge
 - Skills toolkit & resource pack
 - Private networking reception & keynote speeches with successful leaders
 - Private Gala dinner on the River Thames with industry professionals

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.

1

Complete the enrolment form linked [here](#).

Supply all the requested information and click 'submit'.

2

You will then receive an invoice for payment.

Pay in full or for our Summer Experiences, you can secure your place by paying a holding deposit of £950.

3

You will promptly receive a programme confirmation email from us.

If you have paid via deposit, the outstanding fees must be paid by 31st March 2024. Alternatively, you can contact us to receive an invoice.

4

You will be invited to complete a pre-arrival form ahead of the programme start date.

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



There is no official deadline to book, but places are highly limited and are allocated on a first-come, 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 (upper-intermediate) 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.