Summer Career Camps

# AI & Computer Science

## Choose Your Future with Confidence



Department for Education

Top 10 Educational Institutions

UKStartUp Awards
Best Start Up

# AI & Computer Science
# **Summer Career Camp**

## Choose your future **with confidence**

Our **AI & Computer Science Summer Career Camp** bridges theory and practice through hands-on coding workshops, real-world projects, industry visits, and insights from experienced technology professionals. Explore artificial intelligence, programming, data science, cybersecurity, and emerging technologies while developing problem-solving, computational thinking, and technical skills. Gain a deeper understanding of AI and computer science careers, real-world applications, and the pathway towards studying these fields at university.



- Ages 15 - 18
- Central London
- 1, 2 or 3 weeks
- Hands-on career experiences
- Networking with top professionals
- UCAS and interview coaching
- Central London University Halls
- Network with English students

*The opportunity to learn about computer science and technology first-hand helped me understand my future career clearly.*

**George, AI & Computer Science Career Camp**

# Why should **I attend?**

At AI & Computer Science Summer Career Camp students take a step beyond the classroom and gain real-world experience, confidence and connections that top universities look for.

**Experience AI & Computer Science firsthand before choosing your future**

*Step beyond textbooks into real AI & Computer Science settings to feel the daily excitement of the field.*

**Behind-the-scenes access to cutting edge facilities**

*Tour active businesses, see advanced tech in action, and imagine yourself working there.*

**Build a network of mentors and industry contacts**

*Connect with professionals, absorb their career journeys, and gain lifelong industry contacts.*

**Sharpen your university application and interview skills**

*Master personal statements and interview techniques to stand out to top universities.*

**Leave with real clarity on your career path**

*Transform unclear ambition into personal certainty, knowing exactly which path excites you.*

**Produce tangible work you can talk about at interview**

*Tackle hands-on design challenges and leave with tangible proof of your problem-solving skills.*

# Example Timetable: **AI and Computer Science**

Choose your future with **confidence**

| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|---|
| **AM** | | What is Computer Science? + Algorithmic Thinking | Superintelligence + Evolutionary Algorithms | HTML, CSS, JS | Game Development | UCAS Application and Personal Statement Intensive | 2 Week Students: London Tour |
| | **LUNCH** | | | | | | |
| **PM** | Hello and Check In | Programming Fundamentals | Machine Learning and Neural Networks | Create a Blogging Platform | Silver Cloud Technologies | Careers & Pathways<br><br>Graduation! **Check Out** | |
| | Orientation | Mini Golf | Bowling | Siteseeing | Dinner Out | Movie Night | |



## More **Information?**

If you're looking for more in-depth information on any of our interactive workshops or industry visits, please reach out to your educational advisor.

# Meet Your Lead **Mentor**

## Network with experienced **industry professionals**

Our Summer Career Camps are open to students all over the world. With central London accommodation, in-built evening activities and round the clock guardian care, students create unforgettable memories and life-long connections with peers.



### Jacob

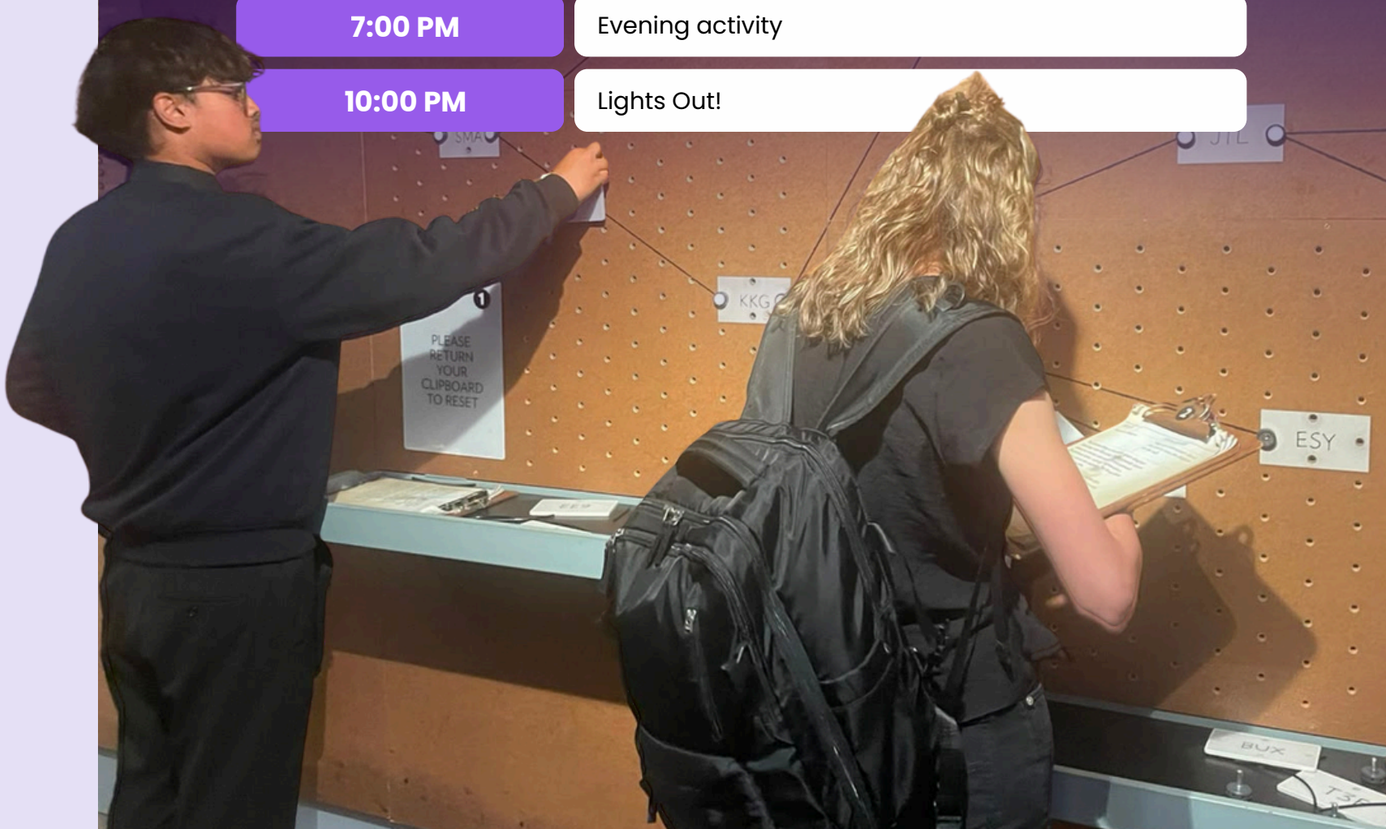
Computer Science | Napier University

Jacob is a qualified Computer Science teacher who holds a First Class Computing Science BSc (Hons) from Edinburgh Napier University, where he worked across the full breadth of the subject and explored advanced areas including machine learning and natural language processing. He went on to earn a PGCE and Qualified Teacher Status in Computer Science at Goldsmiths, University of London, combining academic depth with formal classroom training.

His experience bridges the classroom and industry. As a Teacher of Computer Science at Ark Greenwich Free School he planned and delivered the full Key Stage 3 and 4 curriculum while serving as a Year 10 form tutor, and he continues to run his own freelance practice building bespoke online systems for the education sector. That ongoing industry work keeps his skills current, so the technology, tools and ideas he brings to students reflect how the field actually operates. He has also trained in counselling, which informs the calm, attentive way he supports each learner.

# A day **in the life**

| | |
|---|---|
| **8:00 AM** | Breakfast with residential students and guardians |
| **9:00 AM** | Meet mentor at accommodation and travel to Industry Visit |
| **9:30 AM** | Industry Visit with Expert |
| **12:30 PM - 1:30 PM** | Lunch with other students and your mentor |
| **1:30 PM - 4:30 PM** | Afternoon Workshop |
| **4:30 PM - 5:00 PM** | Travel Back to Ramsay Hall Accommodation |
| **5:00 PM - 6:00 PM** | Free time/prepare for dinner and evening activity |
| **6:00 PM - 7:00 PM** | Dinner with residential students and guardians |
| **7:00 PM** | Evening activity |
| **10:00 PM** | Lights Out! |



# Industy **Visits**

## Choose your future **with confidence**

Students will gain exclusive access to leading AI & Computer Science businesses and partake in bespoke, interactive sessions to maximise their applications. Take a look at some of our example industry visits.

### Silver Cloud Technologies

Step inside Silver Cloud Technologies and discover what it takes to succeed in the fast-paced tech industry. Students will engage directly with software engineers and tech innovators, exploring cutting-edge development, agile problem-solving, and how a modern tech firm builds real-world digital solutions.



### Industry Talk

Hear directly from cybersecurity professionals about their careers, the industry, and the skills that matter. Gain an honest insight into the field and ask questions directly to experts working in cybersecurity.

> *It's been really interesting and I've learnt a lot about web development, games development. My favourite part was working as a team because everyone has the same passion for the subject. The technology work experience tutor was really nice and very helpful. I loved the experience and being able to work with a tech professional that works in the industry.*
>
> **Katie, AI & Computer Science Summer Career Camp**



# Interactive **Workshops**

## Choose your future **with confidence**

Workshops are specifically designed to bridge the gap between educational theory and real-world execution. Students gain the opportunity to reality test their future, gain practical, portfolio-ready skills and benefit from direct networking and mentorship opportunities.*

| | |
|---|---|
| **Algorithmic Thinking What is Computer Science Programming Challenges** | Explore how arrays, lists, and dictionaries power the way computers organise and process data, then put theory into practice through hands-on Python coding. Students will master essential searching and sorting algorithms, compare their efficiency, and uncover the principles of Big-O time complexity. Through practical challenges, they'll learn how smart algorithm design and optimisation can make programs faster, more scalable, and capable of handling massive datasets. |
| **Programming Fundamentals** | Discover the fundamentals of programming, from variables and logic to loops. Students write their first programs, run them in real time, and build confidence through hands-on coding. |
| **Superintelligence + Evolutionary Algorithms** | Explore how machines can learn, adapt, and improve over generations. Students discover the principles behind evolutionary algorithms and examine how these approaches could contribute to the development of superintelligent systems. |
| **Machine Learning and Neural Networks** | Discover how machines learn from data, recognise patterns, and make intelligent decisions using machine learning and neural networks. Students explore the principles behind AI, then build and train their own simple model, experimenting with data and seeing how a machine learns from experience. Gain hands-on insight into how neural networks power real-world AI applications and the technologies shaping the future. |
| **HTML, CSS, JS** | Learn the three core technologies behind every website—HTML, CSS, and JavaScript. Students put their skills into practice by building and styling their own webpage from scratch. |
| **Create a Blogging Platform** | Spend the day building your own website from scratch. Explore coding versus drag-and-drop tools, add text and images, and learn how designers work with clients to create effective, user-focused websites. |
| **Group Project: Coding** | Build a strong foundation in Python programming through variables, functions, loops, conditionals, and algorithms. Students apply their skills through interactive challenges and a text-based game, developing clear, reusable code and stronger problem-solving skills. |
| **Big Data** | Discover how businesses turn vast amounts of data into meaningful insights. Students work with real datasets to uncover patterns, trends, and hidden insights, learning how data can drive smarter decisions. |

**workshops differ dependent on week selected, get in touch with your advisor to find out more.*

# Residential **Students**

## The London University **Experience**

Our Summer Career Camps are open to students all over the world. With central London accommodation, in-built evening activities and round the clock guardian care, students create unforgettable memories and life-long connections with peers.

You will stay in **Ramsay Halls at University College London (UCL)**, a safe and comfortable base in the heart of the city. UCL is a world-leading university known for academic excellence and a vibrant international community.



University College London's:
**RAMSAY HALL**

- 24/7 Security
- Guardians
- Single Rooms/ Shared Bathrooms
- Single Rooms/ Ensuite Bathrooms

**Convenient facilities** including common areas for socialising, laundry facilities, and nearby supermarkets for daily essentials.

**A prime location**, UCL is situated in central London, a short walk from the main campus, major attractions, and transport links.

**Cultural and social immersion**, offering a chance to make new friends from around the world and experience the London lifestyle.

**Daily meals provided**, catering to different dietary needs, including vegetarian and halal options.

# Evening **Activities**

Residential students have the opportunity to be even more immersed in London culture. From experiencing the award-winning culinary scene and visiting tourist hotspots to bowling, mini golf and theatre trips, students will have an unforgettable summer and make life-long connections.*
















**evening activities differ every week, get in touch with your trusted advisor for more information.*

# Safety, Security and **Support**

We understand that for most students, this will be their first time experiencing the world away from school which is why we place safeguarding at the forefront of all of our experiences. All of our Career Camps are led by DBS certified leaders and our team is on hand round the clock to answer any concerns.




All leaders, tutors and guardians are **fully DBS certified** ensuring a heightened level of care.

Our group leaders create a **calm**, **comforting** and **safe** environment for students to thrive.

Residential students stay in **secure single** occupancy rooms with all meals provided.

All of our sites have **round the clock security** to ensure the safety of all students on our programmes.

Experience life away from home in a **supportive**, **safe** and **sociable environment** before university

Gain access to top London businesses with DBS checked mentors and guardians.

# International Student **Support**

For our international students, we offer even more support, from airport transfers to orientation days, we ensure every student feels comfortable, confident to participate and at home from the outset.

**Dedicated Arrival Support**: airport transports available from Heathrow

**Clear Communication for Families Abroad**: regular updates and photos shared and 24/7 emergency contacts available

**Practical Travel Help**: Guidance on UK visa letters and travel documents and clear packing lists and pre-arrival information

**Small Group Sizes**: Ensuring all students feel confident in participating

**Orientation and Cultural Adjustment**: Welcome sessions to introduce London life, local customs and safety tips including ice-breaker activities

**24-Hour Supervision**: Experienced residential team available day and night



# Hear from our **Alumni**

## Choose your future with **confidence**

We are very proud to say that students have a 92% success rate of getting into their first choice university. Many have come on our Career Camps to enhance their personal statement and maximise their chances of success. Don't just take our word for it, have a look at what some of our alumni thought of their experience.

★★★★★ Medicine

I really enjoyed the practical activities, we learnt suturing and did a simulated surgery. I also like that we got to talk to real doctors. I'd definitely recommend this!

**98.9%**

*Satisfaction rate from students who have taken part in a Career Camp*



★★★★★ Law 2026

The summer camps were really insightful! I attended the Law camp and learnt a lot about the profession in a practical way. We went to the Royal Courts of Justice, did a mock trial, and had some talks from lawyers.

**99%**

*of students say they would recommend Career Camps to a friend*

★★★★★ Psychology 2026

The sessions were extremely valuable and engaging. What impressed me most was how professionally the tutors managed to give each student individual attention while keeping them interested, involved and enthusiastic throughout the programme



★★★★★ Chem Eng 2026

Exposure to new clinical techniques and skills that I wouldn't have otherwise had the opportunity to experience. Our supervisor was extremely kind and engaging, and I felt she went above and beyond to make sure that we felt fulfilled and prepared after this week, whilst still making it enjoyable. I feel as if I have gained a multitude of new skills and gained advice from people that are in the position I aspire to be in eventually.



★★★★★ Finance 2026

I found the Banking and Finance work experience really useful. I got great exposure through the places our leader took us and learned a lot, despite knowing very little at the start. I'd recommend it to anyone interested in the field.

**2,500+**

*5* reviews, our students rate us as top experience for gaining relevant and insightful skills for the future*



# Intake **Dates**

Ready to take the next step? Speak with your trusted educational advisor today to get full details on upcoming program dates, availability, and pricing. See below for our intake dates, as well as accommodation check-in and check-out information.

| | Accommodation Check In | Camp Start Date | 1 Week Camp End Date | 1 Week Accommodation Check Out | 2 Week Camp End Date | 2 Week Accommodation Check Out |
|---|---|---|---|---|---|---|
| **Intake 1** | 27th June 2027 | 28th June 2027 | 2nd July 2027 | 2nd July 2027 | 9th July 2027 | 9th July 2027 |
| **Intake 2** | 4th July 2027 | 5th July 2027 | 9th July 2027 | 9th July 2027 | 16th July 2027 | 16th July 2027 |
| **Intake 3** | 11th July 2027 | 12th July 2027 | 16th July 2027 | 16th July 2027 | 23rd July 2027 | 23rd July 2027 |
| **Intake 4** | 18th July 2027 | 19th July 2027 | 23rd July 2027 | 23rd July 2027 | 30th July 2027 | 30th July 2027 |
| **Intake 5** | 25th July 2027 | 26th July 2027 | 30th July 2027 | 30th July 2027 | 6th August 2027 | 6th August 2027 |
| **Intake 6** | 1st August 2027 | 2nd August 2027 | 6th August 2027 | 6th August 2027 | 13th August 2027 | 13th August 2027 |
| **Intake 7** | 8th August 2027 | 9th August 2027 | 13th August 2027 | 13th August 2027 | Not Available | Not Available |

# Fees and **Add-ons**

All of our camps provide students with the tools they need to succeed. An all encompassing view of their future, packed full of hands-on experiences, networking opportunities and industry visits.

| Length | Camp Only | + Residential * |
|---|---|---|
| 1 Week | £1,799 | £2,999 |
| 2 Weeks | £2,999 | £5,499 |
| 3 Weeks | £3,999 | £7,499 |

**Our residential packages include single occupancy rooms with a shared bathroom in Central London, meals (dietary requirements catered for) and an evening activity supplement. If you would like an ensuite bathroom, there is an add-on option below.*

| Add-Ons | |
|---|---|
| Extra Night | £100 |
| Airport Tansfer (Return)** | £300 |
| Ensuite Bathroom | £250/£500/£750 |

*** Our airport transfers only operate to and from Heathrow Airport*

# Your Options **Explained**

| What's included? | 1 Week | 2 Week | 3 Week |
|---|---|---|---|
| Hours of subject-specific programme | 30 | 60 | 90 |
| Hands-on career simulations | ✓ | ✓ | ✓ |
| Programme materials, equipment and resources | ✓ | ✓ | ✓ |
| Minimum 2 out of classroom experiences | ✓ | ✓ | ✓ |
| On-site safeguarding and pastoral care | ✓ | ✓ | ✓ |
| Industry on-site experience | ✓ | ✓ | ✓ |
| Graduation ceremony + Printed, framed certificate | ✓ | ✓ | ✓ |
| Dedicated UCAS day | ✓ | ✓ | ✓ |
| Career coach | ✓ | ✓ | ✓ |
| Minimum 4 out of classroom experiences | | ✓ | ✓ |
| Personalised feedback from mentors | | ✓ | ✓ |
| Personalised reference letter | | ✓ | ✓ |
| Optional UCAS points (8 points) * | | ✓ | ✓ |

**Subject to approval*

| What's included in the Summer Residential Package? | 1 Week | 2 Week | 3 Week |
|---|---|---|---|
| Private room + shared or ensuite bath | 5 nights | 12 nights | 19 nights |
| Breakfast, lunch & dinner | ✓ | ✓ | ✓ |
| Snacks & water | ✓ | ✓ | ✓ |
| Travel to/from accommodation to venue | ✓ | ✓ | ✓ |
| Evening social activities | ✓ | ✓ | ✓ |
| 24/7 safeguarding & pastoral support | ✓ | ✓ | ✓ |
| Weekend sightseeing | | ✓ | ✓ |
| Airport transfers to/from Heathrow Airport | *Available as an add-on* | | |

