

# Summer Programmes 2023



## Future Computer Scientist

### Programme Highlights

Immersive Day in Industry

Develop Your Coding Skills

Develop your University Application



## Future Banker

### Programme Highlights

Professionals Day

A Day in Industry

Discover Life as a Trader



## Future Engineer

### Programme Highlights

Immersive Day in Industry

Manufacture Your Own Composite Parts

Develop your University Application

# Summer Programmes 2023



**Future Lawyer**

**Programme Highlights**

Live Trial in Court Setting

Plan & Execute a Negotiation

Develop your University Application



**Future Doctor**

**Programme Highlights**

London NHS Hospital Experience

Develop Your Clinical Skills

Meet Senior Medical Staff



**Future Psychologist**

**Programme Highlights**

Royal London Hospital Experience

Royal Courts of Justice Experience

Develop your University Application

# The Residential Summer Experience

Experience a hands-on approach to learning with our tailored summer courses in London. Surrounded by the glorious academic settings of Imperial College, students can enjoy our residential courses on a 1 week or 2 week timetable.

Our London summer school offers supportive vocational programmes with unparalleled levels of expertise from industry professionals. We prepare students with exposure to the real world of their chosen profession with programme lectures, simulations, and workshops. Our internship programmes prepare students for the world of work in a proactive, non-traditional format.

## Dates:

**July 23rd - August 4th 2023** - 2 Week Summer Experience

**August 20th- August 25th 2023** - 1 Week Back to School Programme



Ages 13-15



Ages 16-18



# The Campus

ProEd Summer Experiences are hosted at Imperial College, London, a top-10 world ranked university. Situated in South Kensington, right in the heart of the 'Albertropolis', the area is famous for its Edwardian architecture.

Immerse yourself the rich history that South Kensington has to offer, just a stone's throw away from the Royal Albert Hall and the Natural History, Science and Victoria & Albert museums.

Most of our student halls are situated on campus, providing ample opportunity to explore the famous vicinity. With Harrods and Hyde Park on our doorstep, students will never be short of things to do in their time out of class.



# Experience an immersive day in industry

All our residential experiences feature an immersive day working alongside professionals in industry. This offers students a unique opportunity to gain insider knowledge into their chosen career path.

From working alongside senior medical staff in a busy London Hospital, to arguing your case in a working court room, each programme offers a unique experience for every student in attendance.



# The Online Summer Experience

We are proud to offer bespoke vocational programmes for students aged 13-18, preparing them for future academic success. Our online university career simulation programmes span a diverse range of subjects, including computer science, engineering, economics and finance, medicine, and law.

## Dates:

**July 17th - July 23rd 2023** - 1 Week Summer Experience



Ages 13-15



Ages 16-18



# Back to School Summer Programme

The Back to School suite of summer programmes has been designed with the start of the new school term in mind. With 1-2 weeks before most schools are back in session, this programme is ideal for students looking for in depth career insights ahead of their university application. The programme is also suitable for students interested in pursuing career curiosities ahead of the new school term.

## Dates:

**August 20th- August 25th 2023** - 1 Week  
Back to School Programme



Ages 15-18



# Future Computer Scientist Experience

The Future Computer Scientist programme, available residentially and online, has been designed by experts in the field to offer students an exciting, immersive, and technical insight into careers in computer science and engineering.

Throughout the programme, you will be introduced to the main concepts in computer science, learn the fundamentals, develop your technical skills, and discover the variety of career options in computer science.

The programme offers you the opportunity to delve into the world of AI, Machine learning, Quantum Computing and more. You will take part in interactive workshops designed to develop your skills, seminars to pique your interest and reflection to help you best utilize your time on the programme.

## WEEK 1

- Introduction to Logic
- Programming
- Game Development
- Machine Learning
- Day in Industry

## WEEK 2

- Quantum Computing
- AI & The Metaverse
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

### 2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

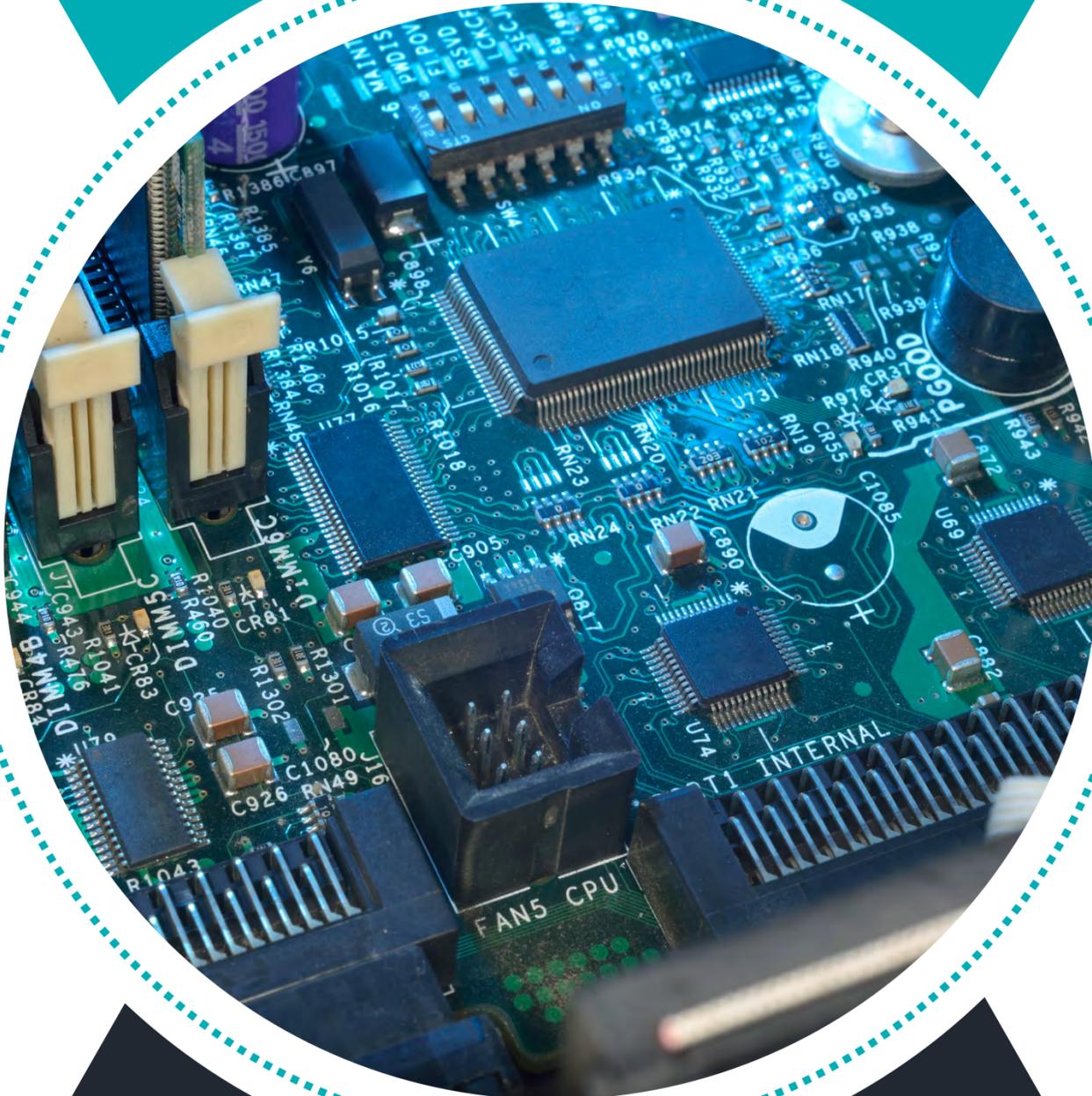
 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



# Future Banker (Economics) Experience

The Future Banker summer programme, available residentially and online, has been developed by experts within the field to offer students a fully immersive experience of working as a professional in the industry. Over the course of the programme you will dive into the world of finance, learn the fundamentals of the profession, and discover the exciting career pathways open to you.

This experience offers a unique combination of exposure to the world of the investment banking / finance industry, and life studying Economics related degrees at top universities. Immerse yourself in the world of banking and finance, corporate finance and trading, and work alongside world-leading professionals from within private equity, banking, and entrepreneurship sectors.

## WEEK 1

- Introducing Banking & Finance
- Professionals Day
- Monopolies & Policy
- Asset Management
- Day in Industry

## WEEK 2

- Corporate Finance & Trading
- Finance Project
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

### 2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



# Future Engineer Experience

The Future Engineer summer programme, available residentially and online, is an interactive experience that gives students a fully immersive insight into the life of a professional working in the engineering industry.

Over the course of the programme, you will explore a broad range of concepts including: structures, electronics, manufacturing, artificial engineering, robotics and space. The programme will also include an industrial visit to an engineering company and learning about the daily life of an engineer.

Using all the knowledge that you have developed over the course of the programme, you will work as part of a dynamic team to create an engineering solution for a business that will be pitched to a panel of industry professionals.

## WEEK 1

- Your Start in Engineering
- Aerospace Engineering
- Robotics & AI
- Sustainable Energy
- Manufacturing

## WEEK 2

- Space Engineering
- Immersive Day in Industry
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

### 2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



# Future Lawyer Experience

The Future Lawyer summer programme, available residentially and online, has been developed by experts within the field to offer students a fully immersive experience of working as a professional in the legal industry.

Over the course of the programme, you will dive into the world of law, learn the fundamentals of the profession, and discover the exciting career pathways open to you.

This experience offers the opportunity to delve into criminal law, the art of negotiating, legal research and drafting, advocacy skills and case preparation, conducting appeals, and international space law. The programme includes a full day in London Court Room running a simulated live trial in a court setting with professionals from the industry.

## WEEK 1

- Criminal Law
- The Art of Negotiation
- Legal Research & Drafting
- Case Preparation
- Conduct a trial in a real court setting

## WEEK 2

- Conducting Appeals
- International Space Law
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

### 2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



# Future Doctor Experience

The Future Doctor summer programme is an interactive experience that gives students a fully immersive insight into the life of a professional working in medicine.

You will explore a broad range of concepts including physiology and clinical medicine. With a focus on the gastrointestinal, respiratory, cardiovascular and neurological systems, you will explore how the body is meant to be working and what can go wrong.

As well as exploring cutting-edge techniques, there will be valuable insights into the worlds of surgery and medical ethics. Students will also be given the opportunity to work alongside medical professionals for a full day at a London Hospital. Using the knowledge developed over the course of programme, students will then work as part of a dynamic team to create a medical solution for a business that will be pitched to a panel of medical professionals.

## WEEK 1

- Physiology & Upper GI
- Respiratory
- Cardiology
- Neurology
- Immersive London Hospital Experience

## WEEK 2

- Surgery
- Medical Ethics
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

### 2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



# Future Psychologist Experience

The Future Psychologist summer programme has been developed by experts within the field to offer students a fully immersive experience of working as a professional psychologist. This experience offers the opportunity to delve into health, forensic, clinical, and sport psychology. You will participate in interactive seminars and workshops, designed to inspire curiosity, critical thinking, and reflection.

These sessions will include guest speakers, real life case studies, role plays and hands-on research experience. They will offer a taster of psychological techniques including mindfulness, cognitive behavioural therapy, and motivational interviewing.

You will gain further insight into the practical application of psychology through visits to the Royal Courts of Justice and Royal London Hospital research departments. You will find out more about studying psychology at university level, and how to get started in developing your experience, on your career pathway to success.

## WEEK 1

- Introducing Psychology
- Design a Study
- Forensic Psychology
- Clinical Psychology 1
- Clinical Psychology 2

## WEEK 2

- Health Psychology
- Sport Psychology
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

### 2023 DATES

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18

