

Blackfen School for Girls

September 2022

Careers Newsletter



Welcome to our new Careers Newsletter to start off the Autumn term!

Please find information regarding apprenticeships, virtual work experience, face to face work experience and insight days.

All opportunities are available by registering on the link attached to each article. Please check the closing dates as some are within the next few days. Good luck!

INVESTIN

STEM & Medicine Career Opportunities For Ages 12-18

At UCL in November & December



[Architecture](#) / [Dentistry](#) / [Engineering](#) / [Forensic Science](#) / [Investment Banking](#) / [Medicine](#) / [Psychology](#) / [Software Engineering](#) / [Vet](#) / [Video Game Design](#)

We are delighted to offer your students opportunities in 9 STEM & Medicine-related industries at UCL this term. The programmes are an excellent opportunity for students to test-drive a career before committing to it, and receive tailored advice from successful professionals. Highlights include:

- Practise stitching up a wound
- Design the engineering to take humans to Mars
- Observe a clinical psychology assessment
- Design your own video game

Plus, Q&A time with all the professionals and guidance on university choices, interviews and applications.

We expect to be fully-booked for our most popular programmes by 30th September. Please forward this email to relevant students and parents so they can register their places now.

[**View & Register: Ages 15-18**](#)

[**View & Register: Ages 12-14**](#)



ALLIED HEALTHCARE MENTOR

The programme commences on Sunday 2nd October, so we encourage any interested students to sign up as soon as possible!

As we've seen so much engagement from our students, I'd love to highlight some of our upcoming free opportunities for students considering medicine, dentistry, and veterinary medicine.

FREE VIRTUAL GET INTO MEDICINE / DENTISTRY / VETERINARY UCAS CONFERENCES

- The Get into Medicine / Dentistry/ Veterinary Conferences are the perfect jumping off point for young aspiring Doctors, Dentists, and Vets.

- Our Chief Mentors break down the application process step-by-step, including: application timelines, personal statements, work experience, interview skills, leadership and award programmes.

- All attendees receive a highly commended reference from the Presidents of Medic Mentor to show that they've gone above and beyond in their application.

The next free virtual GET INTO MEDICINE UCAS CONFERENCES are:

- Sunday 2nd October, Saturday 8th October, and Sunday 9th October from 10am - 3pm.

Students can register their place here: <https://airtable.com/shr66li3bqG3ZpkPM>

The next free virtual GET INTO DENTISTRY UCAS CONFERENCE is:

- Sunday 23rd October 10am - 3pm

Students can register their place here: <https://airtable.com/shr66li3bqG3ZpkPM>

The next free virtual GET INTO VETERINARY MEDICINE UCAS CONFERENCE is:

- Saturday 22nd October 10am - 3pm

Students can register their place here: <https://airtable.com/shr66li3bqG3ZpkPM>

Student Portal Link: <https://medicmentor.co.uk/the-medic-mentor-portal/>

<https://alliedhealthmentor.org/nhs-healthcare-careers-virtual-work-experience/>



We are running a series of exclusive workshops led by industry experts to help students get a head start in their career. The section below gives information for students on the upcoming workshops and how to find out more and book a place.

Our small-group online workshops are 3.5 hours long and cover everything from the basics of AI, hacking or coding, to the unique job opportunities in each sector. Students will also get a chance to try a hands-on practical exercise, and put questions to a panel of industry experts.

Students at Blackfen School for Girls may be interested in learning more about the latest tech and digital skills to enhance their career prospects.

About Skills Gap

Skills Gap is a career accelerator that runs insightful workshops for young people aged 15-19 – because it's never too soon to think about building your skills for a competitive edge in your future studies and career.

We're offering a range of intensive workshops this autumn, all designed specifically for 15-19 year olds and delivered to small groups by experienced industry experts:

Careers in Hacking

Saturday, 1 Oct 2022

Top-flight businesses and governments the world over are recruiting for a new elite

force: a band of ethical hackers charged with protecting our most sensitive information and the infrastructure that powers our everyday living. Our online workshop is taught by Daniel Wilkinson, a Security Consultant at NCC Group. He gives a beginner's guide to ethical hacking and the skills you'll need to succeed, with practical experience of hacking your way into a vulnerable online storefront.

AI in Astrophysics

Saturday, 8 Oct 2022

With new telescopes powerful enough to see galaxies formed in the wake of the big bang, our online workshop introduces the AI helping scientists to interpret this data to identify stars and plot the shape of the universe. Taught by Joe Sims, an AI PhD student at Leeds University, you'll step into the inspiring world of AI in astrophysics and get first-hand experience of using a neural network to classify stars.

AI in Medicine

Saturday, 8 Oct 2022

Medicine is on the verge of an Artificial Intelligence revolution – from pioneering surgeries to algorithms that predict future health issues. Our workshop is delivered online by med-tech experts, and will introduce you to key AI trends in medicine, its influence on global healthcare, and the tech skills you need to get ahead. You'll also take part in an exciting hands-on diagnostic exercise using AI modelling tools.

Blockchain & Cryptocurrencies

Saturday, 15 Oct 2022

Blockchain is revolutionary. It powers the cryptocurrencies that are changing the face of finance and offers safer ways to store sensitive data. But what's next? Our online workshop, delivered by a blockchain expert, provides a fascinating insight into the world of cryptocurrencies, how they are analysed and traded, and blockchain's ongoing potential. During the workshop you will get first-hand experience of coding in Python to build a systematic trading strategy for cryptocurrencies.

Coding for Game Design

Saturday, 22 Oct 2022

With one third of the world's population already estimated to be gamers, the gaming industry offers one of the hottest career tickets today. Our online workshop gives you a unique insight into the latest trends from multiplayer games to game streaming. Led by Josh Hills, a programmer on some of the world's largest multi-player games, including Runescape and Horizon, you'll get first-hand experience of developing and enhancing a physics-based game prototype and discover the skills you'll need to succeed.

AI in Engineering

Saturday, 5 Nov 2022

Finding new and optimal ways of doing things is at the very core of engineering. Which makes it the perfect partner for AI and machine learning, from smart production lines to image processing technology that allows machines to see. Our online workshop is led by civil engineer and data scientist, Johan Hagstrom, who will introduce you to key AI algorithms and trends. You'll also get hands-on experience with Python, being guided through a computer vision algorithm that can detect cars on the road – a peek into the world of self-driving vehicles.

AI in Finance

Saturday, 12 Nov 2022

The world of finance has been an early adopter of machine learning, from fraud detection to finance chat bots, yet it's still just touching the surface of AI's potential. Our workshop is led by Chelsea Murray, a data scientist at ING with a Masters in Machine Learning and Machine Intelligence from University of Cambridge. Chelsea will introduce you to the vast range of financial AI applications and give you practical experience training a machine learning algorithm to predict credit card fraud.

If you're looking for a competitive edge for your studies or career, our workshops are the perfect opportunity to arm yourself with valuable skills and knowledge.

For further information and to register for any of the events, please visit www.skillsgap.tech.

If you have any questions, please email ian.dodd@skillsgap.tech.

CLIFFORD CHANCE

Insight to Clifford Chance

Are you interested in pursuing a career in the legal world?

On Thursday 22nd of September from 5:00pm - 6:00pm we're hosting our first law focused careers event of this new academic year. We're kicking off strong as we're being joined by Magic Circle constituents Clifford Chance as they take us through the ins and outs of one of the world's most prominent legal firms.

We'll also be running an in-person work experience event at their London headquarters in Canary Wharf during the October half term for a number of students. Details will be shared about this during the virtual event next week so make sure to join us to be in with a chance of securing yourself a spot at that.

Clifford Chance are one of if not the most prestigious law firm in the country and operate on an international scale with more than 3,000 lawyers working across 34 offices in 23 different countries. Many of the world's leading organisations look to Clifford Chance not just for legal expertise but for advice on business critical issues.

If you'd like to join us for this online event and hear from some one of the world's top legal professionals sign up using the following link:

<https://www.clifford-chance-insight.com>



Cisco Pathways Work Experience – October 2022 Application Invitation

Hello,

I hope you are well,

The applications for our October Pathways Work Experience programme for Years 11 & 12 are now open. Please would you share the invitation to apply with your year 11 & 12 students?

Following up on the success of the July programme we will again offer the programme in two formats. For students who live close enough to travel to our offices in West London there is an option of a hybrid week with the Monday and Friday in the office at Bedfont Lakes, Feltham and also a fully virtual option. We've decided on this approach to ensure we can continue to include students from right across the UK and Ireland. This programme is for Years 11 & 12 (or equivalent) and runs 24-28 October.

This is a weeklong programme with the aim of showing students the range of jobs within a global IT company. Cisco is not a one size fits all organisation and we welcome applications from any year 11 & 12 students from anywhere in the UK & Ireland. We will also be developing presentation, teamwork and employability skills, and building confidence through online modules and interactive sessions. Your passion is our interest.

The programme doesn't require students to choose technical or business as in addition to the mandatory core parts of the programme they will be allowed to select the sessions that are of interest to them.

Programme dates: 24-28 October

Here is the information your students need to apply for the October Pathways hybrid & virtual work experience.

Please send your students the message below.

Applications for Cisco's October Pathway Work Experience, for young people in Years 11 & 12, are now open. You can find more information on [our Facebook page](#) and apply from there or apply using the links below.

Applications for Cisco Pathway Work Experience October 2022, for young people in Years 11 & 12, are now open.

- Dates: 24-28 October
- Location:

- Option 1- Hybrid (2 days in office & 3 days virtual)

Follow this [link](#) to apply if you wish to attend the hybrid format

- Option 2 - Fully Virtual

Follow this [link](#) to apply if you wish to attend the hybrid format

Hybrid format				
Monday 24 th	Tuesday 25 th	Wednesday 26 th	Thursday 27 th	Friday 28 th
In-Person @ Bedfont Lakes	Virtual	Virtual	Virtual	In-person @ Bedfont Lakes

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FOR PARENTS

Flick through and discover:

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UCAS Application Key Dates
Talking careers with your teenager
The Apprenticeship Application Process

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