



Jobs of the Future

Demand for jobs that require computer science and AI skills is estimated to rise by 40% over the next five years.

Top 10 'Jobs of the Future'

- Paramedic drone programmer - an AI expert with medical knowledge to 'teach' drones to help emergency rescue teams
- Smart-assisted sports coach - data and AI skills will help coaches measure player performance and welfare, predict outcomes, and adjust tactics
- AI speech coach - help voice assistants and visual avatars become more realistic
- Metaverse architect - create environments and activities to entertain people in the virtual world
- Zero carbon transport planner - design and programme driverless public transport networks
- Augmented learning technician - use AI and augmented reality to create state-of-the-art tools for teachers and their lessons
- Agricultural AI engineer - help farm sustainable foods like synthetic meats and insects at faster and grander scales
- AI creative skills producer - help creators enhance their music and art by learning popular trends
- Community care technician - use AI to detect loneliness in the community, alerting care workers to who needs their help the most
- Tech fashion designer - create the next-generation of sustainable smart clothing and wearables, like garments that can react and respond to the weather

Click [here](#) to read the full Sky News article.

Higher & Degree Apprenticeships Vacancy Listing

The November 2022 edition of the Higher & Degree vacancy listing has now launched! Explore 300+ Higher and Degree apprenticeship vacancies from 60+ employers, including:

- eight separate opportunities within the NHS, nine vacancies with Virgin Media and O2 (Telefónica UK), a variety of positions with police units across the country, Jaguar Land Rover lists nine positions across the West Midlands, NatWest opportunities, Amazon with 14 separate vacancies, Kier Group recruiting for 25 separate positions

Download [now](#)



For more on science and technology, explore the future with Sky News at Big Ideas Live 2022.

Join Sky live and in-person, as Sky News specialists, industry leaders and inspiring thinkers discuss the biggest issues in science & technology.

What is Big Ideas Live?

Big Ideas Live returns on Saturday 19 November with an exciting, interactive event offering you the chance to join the conversation with Sky News experts and leaders in science & technology, as they ask: Who owns the future?

Hosted by Sarah-Jane Mee, Sky News presenter and Tom Clarke, Sky News Science and Technology Editor, they will explore the revolutionary tech changes that are happening around us and what they might mean for our future. It's also an opportunity to hear in-person from guest speakers at industry leading companies.

The eclectic day will explore the intersection of science and technology, across business, politics and culture, through panel discussions, interactive experiences, showcases and exhibits. You'll also have the chance to experience the best of Sky News' innovative journalism first-hand – meeting our correspondents and trying some of our newest journalistic techniques yourself.

Find out more and book tickets [here](#)

unifrog

Explore Accounting and Management with the University of Bath
Tuesday 29 November, 17:00

Join the University of Bath, one of the UK's top 5 universities for Accounting and Finance to learn about their brand new BSc Accounting and Management course. Course director Michael Willis will provide you with information on work placements, student support, and an in-depth look at the course content which includes specialised accounting and management expertise.

Sign up from the home page of your Unifrog account



Medicine and Dentistry Lecture Series

Applications for the free online and national King's College London Medicine and Dentistry Lecture Series 2023 are now open!

This programme is for students across the UK in Year 11, 12, and 13 who have only attended non-selective state schools since age 11 and are interested in becoming a doctor or dentist.

Over the course of the 14 lecture programme students will hear from a variety of speakers to help them make the best application to medicine or dentistry possible! Last year's lectures included the following:

- Medical and dental specialities: cardiology, prosthodontics, renal transplant, and many more!
- Q&As each week with current medical and dental students as well as a lecture dedicated to the student experience.
- A session on other careers in healthcare with six professionals currently working and teaching in the sector (nursing, dietetics, clinical science, etc.)
- September Q&A with key admissions colleagues in the schools of medicine and dentistry at KCL and UCL.
- Lectures on the application process: the UCAT, personal statements, and interviews.



Lectures will be held on Tuesday evenings at 6-7.15pm and will run in blocks of three throughout 2023. The first three lectures will take place on the 31st January, 7th February, and 14th February. The remaining three blocks of lectures will take place in Spring and Summer.

For more information and to apply, students should follow this [link](#). The deadline to apply is Friday 16th December 2022.



RAF Parents Evening Live

The RAF are excited to invite you to their exclusive RAF Parents Evening Live hosted on YouTube on Wednesday 23rd November between 4:45pm and 7:30pm.

Join them from inside the Royal Air Force Heritage Centre, where they talk all things recruitment, careers and apprenticeships in the RAF.

Check out their schedule below to see what's in store!

17:00 - Preparing for the RAF

18:00 - What to Expect from Basic Training

19:00 - Life After the Apprenticeship

Click [here](#) to watch live



Youth Action for Nature Free Event

Hosted at Royal Holloway on 28 March 2023, 09:30am - 4:00pm. This event is perfect for anyone who is aged 16-18 and has a passion for nature.

Surrey Wildlife Trust and Royal Holloway, University of London are coming together to launch **Youth Action for Nature 2023**. The day will empower young people to take action for nature with workshops and talks on biodiversity, the climate crisis, nature-based solutions and green careers. They want to give young people a chance to make a real difference by standing up for nature and that this will be the start of a journey where you will gain valuable skills and experience, all of which can help you with university and job applications in the future.

You will finish with an opportunity to meet with and chat to a variety of industry experts, who will discuss career pathways to help you find a professional role in building a wilder future. All attendees will receive an action pack to help them get started building a wilder future.

For more details and to sign up please click [here](#).



The University of Law Undergraduate Open Day (virtual)
Saturday 19 November 2022 or 7 January 2023, 10:30-12:30

Open Days are a great opportunity to find the right criminology, law or policing course for you. You can attend course workshops, speak to tutors and meet current students who can help answer all your questions.



Real World Lectures 2022

Have your say on the Real World Questions being asked in Business, Criminology, Law, Policing and Psychology. With inquisitive minds, we will question the world and form our own opinions. We'll debate systems, procedures and behaviours. You may arrive at these events with questions, but you'll leave with an ability to answer. Online lectures coming up include;

What do hackers know about you?

Tuesday 6 December 2022, 4-5pm, online

Learn about different types of social engineering such as phishing, spearfishing, telephone scams and blackmail, and considering what hackers might know about you. Find out more about hackers, the case study of Kevin Mitnick, and identify techniques to develop good cyber hygiene. Head of Computer Science, Dr Paul Sant, cybersecurity expert will also give you some top tips on how to keep safe.

Why are we so obsessed with true crime?

Wednesday 7 December 2022, 4-5pm, online

Why is watching crime dramas and documentaries so addictive? Join the discussion on the impact of the nation's growing appetite for true crime. Is this having a harmful effect on society or could it inspire a generation of policing professionals, criminologists and legal experts?

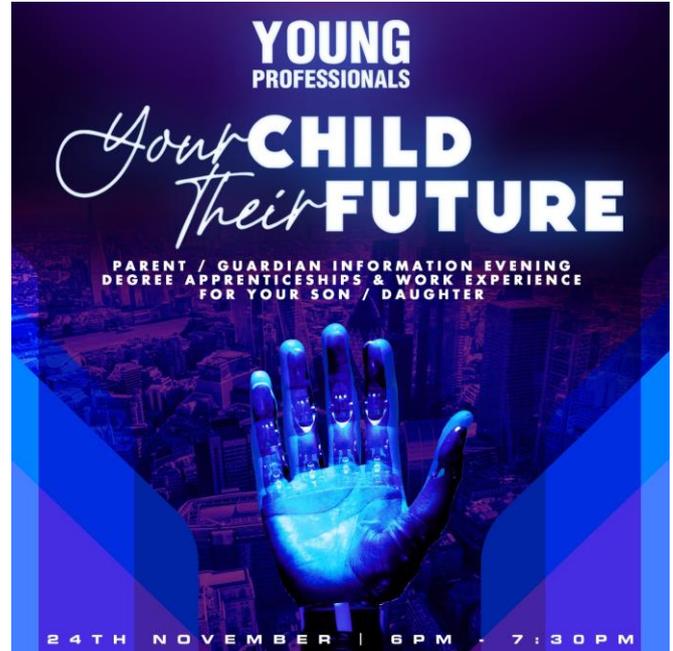
Click [here](#) to register

Real World Choices Career Quiz

Match your personality to potential study and career paths. Take their [careers quiz](#) and get your free goody bag.

'Your Child, Their Future' Parent / Carer Webinar Thursday 24th November 6:00pm – 7:30pm.

Young Professionals, have run two parent / guardian focused 'Your Child, Their Future' events back in September 2021 and February 2022 and across the two webinars they had a staggering 5000+ parents and carers attend virtually from all over the UK. They are proud to announce that they have their third parent / guardian information evening taking place this November.



The job market for students leaving school or university can be difficult to navigate and now more than ever we need to help our young people by making them aware of all the opportunities available to them, as well as providing them with advice and tips on securing the very best opportunities when they enter the workplace.

We have leaders from some of the biggest employers in the world including KPMG, BT Group, Capgemini, British Airways, Linklaters and more who will each come along to talk to you, as parents and guardians, about how your son/daughter/young person can best navigate the job market to find some incredible work experience/internship placements, as well as graduate and apprenticeship opportunities.

We will be sharing some useful tips around psychometric testing, how to prepare for assessment centres, putting together a CV, filling out application forms, as well as advice on how you can prepare your child/young person for the working world. This event is completely free of charge, and it will be running via Zoom on Thursday 24th November from 5:00pm - 6:30pm. We encourage you to join this event virtually with your son/daughter/young person, and ask any questions that you may have, directly to leading employers.

Click [here](#) to register

Science Museum Interactive World of Careers

Come and see their brand new free interactive gallery where you can discover an interactive world of careers.
Technicians: The David Sainsbury Gallery, now open!

Try hands on exhibits that bring to life a wide variety of workplaces, from a blockbuster film set to a pharmaceutical lab, allowing you to experience the hidden yet vital careers of technicians.



Experience a world of careers in one place:

- Set foot inside Shuri's Lab from Marvel Studios' Black Panther to re-enact the role of a film-set lighting technician.
- Have a go at making lifesaving medicine as an NHS pharmacy technician.
- Operate a robotic arm and try your hand at welding a rollercoaster track.
- Step into the world of renewable energy and solve problems faced by a wind turbine technician.

They've collaborated with industry leaders Marvel Studios, the NHS, National Grid and the University of Sheffield Advanced Manufacturing Research Centre and many more to make these innovative exhibits true to the tasks their technicians do every day.

Engineer Your Future

Be inspired by engineering and test your problem-solving skills in this interactive gallery for teenagers.

Medicine: The Wellcome Galleries

Medicine: The Wellcome Galleries is a magnificent new home for the most significant medical collections in the world.

Thematics: The Winton Gallery

Visit their bold and thought-provoking gallery to explore the role mathematics has played in building our world.



HERTFORDSHIRE OPPORTUNITIES PORTAL

Virtual Employer Encounters

Careers in Culinary (watch on demand now)

Many young people are interested in becoming a Chef. It can be a hugely rewarding job but requires a lot of hard work. Whether you want to become world famous with your own restaurant or just enjoy cooking at home and are thinking about studying cookery then this webinar will help to inspire you and inform you about what to do next in your career journey.

Meet the panellists:

Lee Maycock - After a 5 star hotel & Michelin star restaurant beginning, I then worked in Film & Television visiting numerous countries, followed by cooking for the England football team at 2 world cups. Lee Wrote the food vision document for the country's biggest event The London Olympics and consulted to Virgin Atlantic & British Airways First Class. He has been the National Chairman for the Craft Guild of Chefs, now a fellow. Won several international culinary gold medals, and now a judge.

Watch on demand [here](#)

Careers in Cyber Security, Watch live 24th November 4.30pm

Cyber Security relates to the protection of any digital information for both customers or businesses. Criminals have developed advanced methods to take people and businesses personal information and financial detail so it is vital that Cyber Security experts exist to prevent this from happening. In this webinar you will hear from people working in Cyber Security who will be able to share with you their experiences and give some tips and guidance about the next steps you could take to start your career.

Register [here](#)



Not sure what to do after Year 13?

If you're in your final year of school and don't know what to do next, this is the webinar for you! You'll learn how to use Unifrog to explore all your options, including apprenticeships, the world of work, and university.

They'll also give you expert tips on how to put together successful applications for each pathway.

Tuesday 22 November @ 17:00 UK time - 45 mins



Young Photographer Challenge

In honour of World Kindness Day, InvestIn invite students aged 12-18 to enter their competition, The Young Photographer Challenge. Students should submit a photograph they have taken of an act of kindness, along with a short caption explaining what's happening. Creativity is highly encouraged!

The competition is free to enter and for each submission they shall make a donation to Mind, the mental health charity. The deadline for entries is 2nd December.

The winner will receive a free place on one of their weekend career masterclass programmes and all shortlisted entries will be shared on their social media channels.

Click [here](#) for further information and to enter



Construction is a rewarding, well-paid career choice that offers clear paths to progression. From carpentry to archaeology, there's something for everyone – but many young people are unaware of the opportunities available to them. That's where **Go Construct** steps in.

Across a website, social media, events and campaigns, they provide engaging information, advice and guidance for anyone looking for a career in the construction industry. They cover all post-16 educational routes, from apprenticeships and university to traineeships and T Levels, and their careers section provides a comprehensive overview of over 180 job roles.

The **Interactive Construction Site** allows young people to create an avatar and experience a virtual walkthrough a construction site, learning about the jobs best suited to them along the way.

<https://www.goconstruct.org/>

Females of the Future Yr. 12 & 13

If you are interested in a career in Business, Accounting or Technology then this is something you definitely need to book onto!

Young Professionals are putting on a huge in-person Females of the Future Event in London on 30th November. They have booked one of the largest IMAX screens in the UK for this exciting conference and it will be taking place at Cineworld Leicester Square. You can't get more central to the hustle and bustle of the West End than this!



There will be a series of panel discussions, keynote presentations from senior female leaders and of course lots of networking opportunities!

They recognise helping to level up the playing field in industries such as business and technology is huge so this event will be specifically for females. Get inspired by other female leaders who are working for some of the world's biggest companies and have the opportunity to ask your questions about their career journeys and how they made it to the very top of their industry.

This is a free event to attend, and places will be given out on a first come first serve basis. They do ask before you apply to make sure you can 100% attend, we have very limited places due to this being an in-person event.

Key Event Details:

- Wednesday 30th November, 5pm – 8pm
- BT, PwC & UBS are confirmed so far with 5 more global employers still to be announced!
- Cineworld Leicester Square, 5-6, London
- Female Focused Event for students looking to get into the Business, Accounting or Technology sector
- Certificates will be given out on the night as well as some fantastic prizes including iPads, AirPods and much more!

Click [here](#) to book

HRC



OPEN EVENING

8TH DECEMBER 2022 17:30-20:00

BROXBOURNE & WARE CAMPUS

hrc
HERTFORD
REGIONAL
COLLEGE

Young Chefs' Academy Harlow



YOUNG CHEFS' ACADEMY

COOKERY COURSES FOR YEAR 10's & 11's

Russum's



Launching on 18 January 2023, every Wednesday for 8 weeks between 4.30pm and 6.30pm. Young Chefs' Academy is a perfect way to develop young talent.

The Academy is sponsored by Russum's Catering Clothing Equipment. The course is aimed at Years 10 and 11 students and provides a great start for those interested in a career in food and culinary arts.

This 8 week, after school course begins with an introduction to the kitchen and how to use the equipment. You will then be taught basic cookery skills in the Training Kitchens at Harlow College and Stansted Airport College, followed by a Graduation Ceremony where you will be presented with a medal and certificate. You will prepare and serve a delicious dinner for your invited guests at The Skylight Restaurant.

Click [here](#) for further information

Access Creative College
26th November 10am-2pm

Access Creative College in Shoreditch, London, would like to invite any students who may be interested in finding out more about creative college courses or pursuing a creative career to attend their open day.



OPEN DAY

SATURDAY 26TH NOVEMBER 10AM - 2PM
SATURDAY 4TH FEBRUARY 10AM - 2PM

ESPORTS | COMPUTING | GAMES | MEDIA | EVENTS | MUSIC

Book your place now!
accesscreative.ac.uk



access creative college

Courses for 23/24 are:

- Software Development
- Esports Management
- Games Development
- Music Performance and Vocal Artist
- Graphic and Digital Design
- Videography, Photography, Design
- Animation and Visual Effects
- Film, Videography and Photography
- Games Technology
- Event Production
- Games Art
- Music Performance
- Vocal Artist
- Music Production
- Music Technology
- Artist Development

Students can book their places on the Open Day online [here](#)

The College of
Haringey, Enfield
and North East London



Open Events

Monday evening sessions. Every Monday 4-6 pm, visit one of their sites



MBDA Environmental Engineering Level 6 Degree Apprenticeship

Environmental Engineering apprentices work with their experienced professionals and world leading technical specialists in their field, to test their products and ensure that they can withstand the environments for where they will be used.

You'll witness, control and apply extreme climatic and mechanical environments, from simulating the extreme cold of arctic conditions to the incredible temperatures induced by supersonic flight. From combined complex low pressure, high humidity and low temperature environments to multiple system 3D vibration simulation.

You'll see all aspects of Engineering from a mechanical perspective. Starting on more basic tasks, as you increase in confidence and your studies progress you'll get involved in more projects in an increasingly autonomous environment - but always with the support and guidance from world leading technical specialists in that area.

Their Mechanical Engineering degree apprenticeship within the Environmental Engineering Function, is a 4 year course where you will study towards a fully funded BEng (Hons) Mechanical Engineering degree. You will study for this qualification on a minimum of one day release per week, at the University of Hertfordshire, Hatfield.

You'll work in the following areas during your apprenticeship:

- Mechanical and Climatic Test
- Structural test
- Facility maintenance
- Data acquisition and analysis
- Project control

Wage: £18,000.00

Hours Per Week: 37

Expected Start Date: 4 Sept 2023

Expected Duration: 4 YEARS

Entry Requirements

5 x GCSE qualifications at Grade 9-4, to include Maths, English and a Science, Technology or Engineering subject

In addition to:

120 UCAS Points

Deadline 20th February

<https://www.mbdacareers.co.uk/early-careers/apprenticeships>



Police Constable Degree Apprenticeship

Annual wage: £33,717.00

Salary will increase to c £37,000 on successful completion of probation. Police Constables with six years' service who have progressed through the salary band each year, can typically earn c. £50,000,

What will the apprentice be doing?

Do you like a challenge where no two days are the same? Want to make a difference to the lives of Londoners every day? You'll investigate; protect; negotiate; bring offenders to justice and much more

What training will the apprentice take and what qualification will the apprentice get at the end?

Their PCDA pathway, fully funded by the Met, recognises policing as a degree-level profession. The PCDA is a vocational course that focuses on practical learning and is specifically tailored to help you start your career in policing. From day one you'll be employed as a police officer spending most of your time on the frontline working alongside your team, turning your learning into practical experience.

The PCDA is delivered in partnership with four London universities: Brunel University; University of West London; Anglia Ruskin University; and University of East London. It is a three-year apprenticeship programme for non-degree holders resulting in a BSc degree in Professional Policing Practice.

What is the expected career progression after this apprenticeship?

A job that comes with excellent pay and benefits; stability but with varied career progression and opportunities for promotion like no other employer can offer. You could work with their dogs and horses, become a cybercrime specialist or keep the River Thames safe in our Marine Unit. Maybe you'll excel at financial investigation or supporting the victims of domestic abuse. Ultimately, it will be up to you to choose your path.

After initial training - 24, 7 day a week shift work

Total hours per week: 40

Expected duration: 36 Months

Entry Requirements

A Level or equivalent Any (Grade 64 UCAS points)
Essential

Click [here](#) to further information and to apply