

CONTENTS

- **National news**
- **London and regional news**
- **Useful websites**
- **Future events**

NATIONAL NEWS

[2018 is the Year of Engineering](#)

The UK Space Agency is joining forces with partners across government and industry to give thousands of young people aged 7-16 inspiring experiences of engineering. This is part of a year-long campaign to tackle the engineering skills gap and widen the pool of young people who join the profession.

You can support the Year of Engineering by highlighting some of the many different ways that individuals and organisations can #inspireanengineer on social media – follow the hashtag on Twitter to find out more.

The Year of Engineering launches in January 2018. To find out more, visit the [Year of Engineering partner website](#) or follow the Year of Engineering [campaign on Twitter](#). #inspireanengineer

[Two-year degrees to lower tuition fees](#)

Students in England are going to be offered degrees in two years with a £5,500 saving in tuition fees, says the universities minister Jo Johnson. Undergraduate courses will be condensed into "accelerated" degrees, with fees 20% less than a three-year course. Students would take the same number of units and have the same amount of teaching and supervision, but degree courses would be delivered in one less year.

As well as reduced tuition fees, students will save on a year's living costs and will be able to start working a year earlier - a package which Mr Johnson says could cut costs by £25,000. It would also be cheaper for the government, which would have lower tuition fee loans to fund, with this fee arrangement intended to be available from autumn 2019.

Pearson College Apprenticeships

<https://www.pearsoncollegelondon.ac.uk/>

Pearson College offers industry-focused degree apprenticeships validated by the University of Kent. They work with major employers such as the BBC, Moorfield Eye Hospital and L'Oreal. They also offer a 'rotational degree' where young people can get work experience with different companies and then graduate with a business management degree and chartered management status. The selection process is very thorough with selection days and video interview and presentations. Average salaries for schemes at £15K+. Currently they are not advertised on the National Apprenticeship site but you can sign up for updates via the Pearson College website. <https://www.pearsoncollegelondon.ac.uk/pearson-business-school/degree-apprenticeships.html>

Amazing Apprenticeships

Amazing Apprenticeships have produced a poster showing 10 amazing apprenticeships you may not have known existed. These are:

1. Aerospace Engineer
2. Bespoke Tailor
3. Cyber Intrusion Analyst
4. Digital Journalist
5. Equine Groom
6. Food Technologist
7. Fashion Studio Assistant
8. Public Relations
9. Nuclear Scientist
10. Video Game Quality Assurance

It is possible to [register](#) on the site to become an Amazing Apprenticeship Champion and receive a selection of resources which includes posters promoting the above apprenticeships.

Apprenticeships

Schools in England can access the very latest apprenticeship information directly from employers and their apprentices through the new live broadcast offer. This service is part of the Apprenticeship Support and Knowledge for schools' project (ASK) funded by the National Apprenticeship Service. These broadcasts will be happening over the next two months and if you can't make them, then catch-up is available. To register as an individual or a school visit:

<https://resources.amazingapprenticeships.com/live-broadcasts/>

Higher and Degree Apprenticeships

A number of employers are offering Higher and Degree Apprenticeships in sectors such as Engineering, Aerospace, Cyber Security, Nuclear Science, Business Management, Data Analysis, HR, Finance and Media.

The vacancies are available across the UK. Higher and degree apprenticeships are available at levels 4-7. They combine work with study and may include a work-based, academic or combined qualification; or a professional qualification relevant to the industry. Levels 4 and 5 are equivalent to a Higher Education Certificate / Diploma or a Foundation Degree; Level 6 is equivalent to a Bachelor's Degree; and Level 7 is equivalent to a Master's Degree.

[Post-graduate Teaching Apprenticeship](#)

A new postgraduate teaching apprenticeship will be launched in September 2018. The entry requirements and course content will reflect current teaching qualifications and schools will be given the opportunity to train individuals in-house. Apprentices will be paid as unqualified teachers. This will run alongside the School Direct Salaried route (SDS) that currently exists.

[Recruitment of Doctors](#)

GPs who are newly qualified and prepared to work in areas which do not currently attract doctors are to be paid a one-off payment of £20,000 if they agree to work in such an area. Currently there are around 41,985 GPs in England and the NHS have advertised for foreign GPs to help with the shortfall. They plan to recruit an extra 5,000 extra GPs by 2020.

[Artificial Intelligence – more skills needed](#)

Although Artificial Intelligence (AI) jobs have risen dramatically in the UK, according to jobs site Indeed, there are double the jobs available than people to fill them. PricewaterhouseCoopers estimate that almost a third of jobs will be affected by automation in the next 15 years, and yet the demand for people with skills in machine learning, computing, coding and data analysis is nowhere near being met. Demand is high for those with the STEAM (Science, Technology, Engineering, Art and Maths) skills across a number of sectors as AI continues to grow.

[Job Spotter App \(Part of Indeed website\)](#)



Many small retailers and restaurants don't post their jobs online or often even in the local newspapers. The only way people come across their openings is by word of mouth or seeing a 'Help Wanted' sign while they are out and about. The **Job Spotter App** is designed so you can take a photo of the advert in the shop window, then a photo of the shopfront/business sign. The app will pick up your location via GPS. There are rewards every time your submission is accepted although it does have to meet guidelines (such as a clear image of the advert). See example below of an advert. The app is available in both the Google Play Store and the Apple App Store.

The only drawback is that the advert comes under the 'Help Wanted' category 'on Indeed so in the case of the advert below, you couldn't search under 'Pharmacy Assistants'. Could be very useful for part-time or Saturday jobs.

Help Wanted

Winchester Pharmacy - West Drayton, ENG



📍 64 Swan Road. West Drayton - [Get directions](#)

[New intake of staff for HMRC](#)

Her Majesty's Revenue and Customs (HMRC) will be holding a large recruitment drive following the announcement that they are to recruit up to 8,000 new staff over the next year, in order to help with the Brexit transition. It is known that 300 of these roles will be for lawyers as well as roles for custom staff.

[CITB partners DWP to attract workers](#)

The CITB are working in partnership with DWP to attract people into the construction industry which, according to the latest research, will have 180,000 job opens over the next five years.

[The autumn budget](#)

It has been announced by the Chancellor in November's autumn budget that the National Living Wage will increase from April 2018. The rise will be dependent upon age, i.e.

21 to 24 year olds	18 to 20 year olds	16 and 17 year olds	Apprentices
£7.38 per hour	£5.90 per hour	£4.20 per hour	£3.70 per hour

The national living **wage** paid to workers aged 25 or over will also rise from £7.50/hour to £7.83/hour next April. It was also announced that £34 million will fund teaching construction skills like bricklaying and plastering, a further £30 million will go towards digital courses using AI and the number of fully-qualified Computer Science Teachers is to triple.

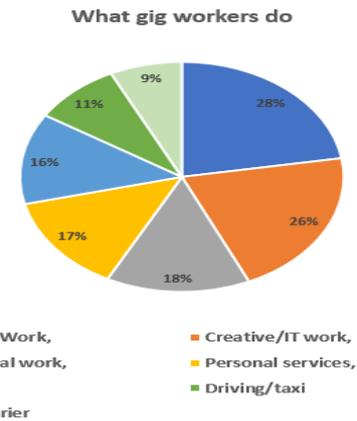
[The 'gig economy'](#)

There has been much in the news this year about the 'gig economy', particularly in relation to [employment laws](#).

The Oxford dictionary defines the 'gig economy' as "a labour market characterised by the prevalence of short-term contracts or freelance work, as opposed to permanent jobs".

It is often associated with low paid, unpredictable but flexible work which involves delivery services for such companies as Uber, Deliveroo, Hermes and TaskRabbit. Indeed, work with such companies as these is growing rapidly in the UK with high numbers of vacancies meeting the demand for flexible ways of working. Around [1.1 million](#) people are currently working in this way.

In a survey, by RSA, Good Gigs based on Ipsos Mori research, however, the breakdown of what can be considered 'gig' work is more diverse than working for a delivery service, with the highest number of people offering such professional services such as accounting or legal advice.

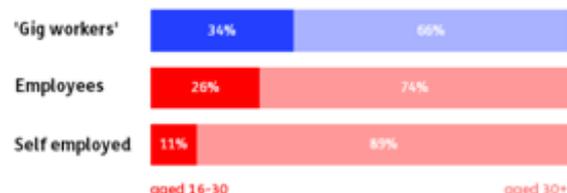


The survey also concluded that more young people are taking up 'gig' work.

34% of 'gig' workers are under 30 years of age. This is higher than other types of employee or self-

Gig workers are younger

Proportion of workers aged under and over 30 by employment status, UK



Whether working in the 'gig economy' or not it is clear that self-employment is on the increase. Currently around 15% of people are self-employed. This figure includes company owners.

Do it yourself

Self employment as a proportion of the total in employment, UK



Source: ONS UK labour market, July 2017, table EMP01

T Levels

A small downloadable booklet on T levels has been published by Cascaid. The eBook includes information on:

- How they are different from current vocational qualifications
- The proposed T Level Sectors
- The benefits of T Levels

[Princes Trust](#)

Young people facing financial barriers to work, education or training can apply for up to £500 through the Princes Trust Development Awards. Anyone aged 17 - 25 who are unemployed or working fewer than 16 hours a week or in education fewer than 14 hours a week are eligible to apply. Those aged between 14 and 17 who do not have or expect to achieve 5 GCSEs grades A-C (or equivalent) can also apply.

[CVs of the Future](#)

AI, automation, robotics and human enhancement technologies are offering exciting new ways to push business forward and the skills which people need are changing all the time. Use this tool to see what a typical CV in your sector looked like in 2000, what it looks like today in 2017, and what it may look like in 2030.

Some more jobs of the future

- [Chief Listening Officer](#)
- [Chief Storyteller](#)
- [Professional Video Gamer](#)
- [Professional Bridesmaid](#)

LONDON AND REGIONAL NEWS

[Heathrow Airport makes London Living Wage pledge to 3,200 lowest paid employees](#)

[Heathrow Airport](#) has become the latest large employer and first airport in the UK to offer its lowest paid employees the living wage. As part of its "Heathrow 2.0" sustainability strategy, the airport has agreed to pay all its employees at least the London Living Wage, which was increased on Monday (November 6) to £10.20 an hour.

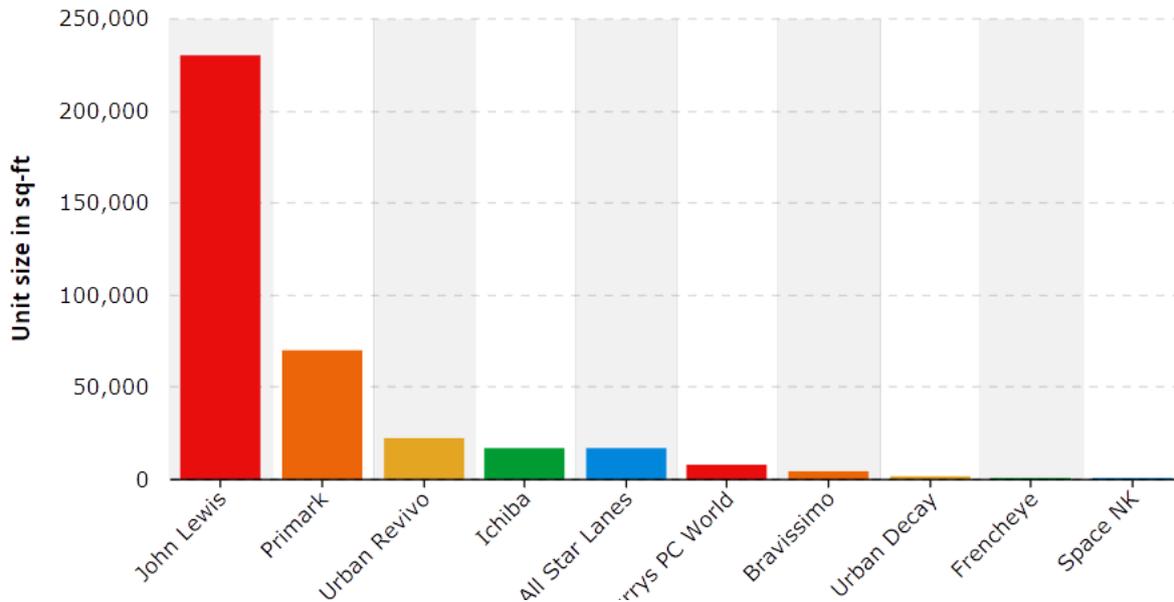
[General Electric Cuts: More than 1,000 employees across the UK could face unemployment](#)

General Electric has a large number of employees based at the Ark in Hammersmith

[Co-op opens first petrol pump convenience store in its 173-year history in Eastcote](#). The new petrol pump store is a trial by the company

[Westfield White City is set to expand in 2018](#) with a £600 expansion. Apart from the new retailers moving in stores upgrading within the new centre include H&M, Boots, Lush, Adidas, Monsoon, Guess and Cath Kidston. The expansion of Westfield London will create an extra 740,000 sq ft of retail, dining, entertainment and leisure space.

The new retailers setting up shop at Westfield



USEFUL WEBSITES

- Time for Engineering Girls <http://www.engineergirl.wes.org.uk> Initiative from the Women's Engineering Society to share experiences of women engineers
- Become a web developer <https://www.tutch.co.uk/blog/how-to-become-a-web-developer>
- Careers website from Youth Employment UK. Impartial Careers Information and resources for teachers <https://www.youthemployment.org.uk/careers-hub/>

FUTURE EVENTS

[Heathrow Jobs and Careers Fair](#)

29th-30th January 2018 Sofitel Hotel Terminal 5

Over 75,580 people work at Heathrow across 413 different companies, and many diverse career opportunities are showcased at the event by exhibitors from the

airport. Free to visit and exhibit, each year the Heathrow Jobs and Careers Fair offers the perfect arena for Heathrow's future workforce to meet and find out about the careers available and the skills required.

By public transport, the Sofitel is a 5 minute walk from the bus, coach and tube connections at Terminal 5.

Opening Times

Monday 29 January

Evening only session between 5:00-7:00pm is aimed at local job seekers and young people aged 16-24, parents and carers.

Tuesday 30th January pre-booked school and college groups between 9.30am and 3.30pm and the evening session between 3.30pm and 7.00pm is aimed at local job seekers and young people aged 16 - 24, parents and carers. You do need to register even if you are going as an individual.

National Career Guidance Show Olympia

Wednesday 28 February 2018

9:30am - 4pm

National Apprenticeship Show 2018

5th and 6th March 2018 at Sandown Park

National Apprenticeship Show covering London and South East England.

Event Opening Times:

Monday 5 March – 9:30am-3pm & 4pm-6:30pm

Tuesday 6 March – 9:30am-3pm

National Careers Week 5th-10th March 2018

Download the teacher toolkit here

<http://nationalcareersweek.com/developing-careers-work-toolkit/>

Education Development Trust LMI team

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