## AMBITION • PRIDE • SUCCESS

Issue No. 33



EDUCATE ★ EXCHANGE ★ ENGAGE ★ LEAD

Applications for the Sutton Trust US Programme for Sixth Formers is **NOW OPEN** 

The Fulbright Commission have provided us with details of their fantastic Sutton Trust US Programme for bright, ambitious Year 12 students interested in studying in the US.

200 students from across the UK will be selected to take part in the residential programme. It is completely free

What is it?

The Sutton Trust US Programme is designed to support students from state schools across the UK to explore US study and access leading universities.

It includes two residentials in the UK before all students spend a week in the US staying on campus at a leading US university and visiting a variety of other American universities.

An optional second year of the programme supports students to apply to US universities alongside their UCAS options.

In the past eight years, they have helped more than 400 British students get places and funding at top US universities.

The programme is founded and funded by the Sutton Trust, the UK's leading social mobility charity, and delivered in partnership with the Fulbright Commission, who are experts in helping UK students study in the US.

## How much does it cost for students?

The programme is free for students. All costs are covered by the programme – including travel, food, accommodation, admissions test preparation and more.

To be eligible to apply, students must:

- Currently be in Year 12 in England
- Attend, and have always attended, a statefunded school or college i.e. non-fee paying
- Not hold US citizenship

- Be from a low or middle income family (generally, this will mean a household earning £45,000 or less)
- Be interested in US culture and higher education



In addition, we are looking for students who:

- Would be the first generation of their family to attend university
- Have been eligible for Free School Meals
- Attend a school or college with a belowaverage A Level or Higher point score and/or a low rate of progression into higher education
- Have attended schools with a lower than average progression to higher education, or a higher than average proportion of students who qualify for Free School Meals
- Live in a neighbourhood with a low rate of progression into higher education and/or a high level of socio-economic deprivation
- Have excellent GCSEs qualifications. This
  means you have achieved at or close to the
  following: In England: at least eight GCSEs at
  grade A or 7 or above, or near this level. The
  more of these you meet, the more likely you
  are to get a place on the programme.

When is the deadline for students to apply?

Students must submit their application by 19 January 2020.

## https://us.suttontrust.com/

# PwC's Insight Week programmes

now open for applications...



Spend an action-packed paid week in one of the PwC offices during your summer holidays – meeting their people, experiencing the work they do and helping you to plan your next career steps.

If you're in Year 12\* and you're keen to understand how you can progress your career in the world of business, accounting or technology at PwC, their



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Insight Weeks offer you a fantastic opportunity.

Please note, each programme has individual entry criteria - please check the PwC website for more details.



Applications are now open and will close on 14 February 2020.

https://www.pwc.co.uk/schools/work-experience





Think differently. Think globally. Welcome every background and every perspective. Join networks that celebrate the individual. Perform in a culture based on diversity and inclusion. Be represented and valued.

The Steps to Success scholarship program is a social mobility program for outstanding A-Level students in the UK who are from an underrepresented and/or underprivileged background.

The program offers a rare insight into the workings of a large and innovative global bank. The program consists of one four-week and one six-week summer internship in Investment Banking & Capital Markets (IBCM) and Global Markets (GM). These London internships take place after year 13 and your first year at university. You'll also receive scholarship funding for your tuition fees every year for the duration of the Steps to Success program.



They select students based on their academic excellence, leadership ability and interest in the financial services industry. You must be in YEAR 13, and also have applied through UCAS for a place at university during the application process. They do not accept deferral candidates for the program so you will need to start a three year university degree straight after your Year 13 studies in 2020, due to graduate in 2023.

In particular, you should:

- Be able to demonstrate leadership and teamwork skills
- Have an AAA grade prediction (or equivalent) this will need to be verified by your Head of Year
- Have a record of high achievement in and outside of academia
- Have an interest in financial services

https://www.credit-suisse.com/careers/en/careeropportunities/students-and-graduates/internshipopportunities/emea-diversity.html



Work for an iconic brand that keeps London moving every day. The next move is yours.

#### What is an apprenticeship?

Apprenticeships provide you with on the job training and responsibilities from day one. You'll spend 20% of your time working towards an industry recognised professional qualification, this may be one day a week or through a structured programme. The combination of work and learning allows you to develop your learning through practical experience.

They'll invest in your training and pay you at the same time.

TFL offer 3 different levels of apprenticeships:

- Advanced Apprenticeships, Level 3
- Higher Apprenticeships, Level 4 and Level 5
- Degree Apprenticeships, Level 6

Their starting salaries vary depending what level apprenticeship you are applying for:

- Level 3 (Advanced) £19,268
- Level 4 (Higher) £20,231
- Level 5 (Higher) £21,243
- Level 6 (Degree) £22,305



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You'll gain qualifications that vary from the equivalent of an A-Level , to a Higher National Diploma and even a Degree.

## **Apprenticeships on Offer**

- Building Services Engineering Degree Apprenticeship at Transport for London
- Business Analyst Level 4 Apprenticeship at Transport for London
- Commercial Property Surveying Degree Apprenticeship at Transport for London
- Finance Level 4 Apprenticeship at Transport for London
- General Management Degree Apprenticeship at Transport for London
- Project Management Level 4 Apprenticeship at Transport for London
- Human Resources Level 5 Apprenticeship

### **Civil Engineering Degree Apprenticeship**

Apprenticeship Standard: Civil Engineer (degree)

**Duration:** 5.5 years **Location:** London **Salary:** £22,305

#### Job overview

Their Civil Engineers create and maintain the essential infrastructure that supports the whole of London's transport network, including London Underground, DLR and our strategic road network.

Our civil engineers are also at the forefront of major transport system upgrades, including the Northern Line Extension, Crossrail 2 and the new Silvertown Tunnel.

#### What will I be doing?

As an apprentice, your development programme will be made up of different 3-6month placement rotations. Their aim is to equip you with the range of skills and experience you need for your successful career. We also understand that everyone's career is different, so every apprentice's journey is unique.

- You may find yourself working on maintaining and improving the structures and earthworks of London Underground.
- You might be working on site on the delivery of step-free access schemes to improve accessibility to the network.
- You could be given the chance to complete a placement on a major project such as the Silvertown tunnel river crossing.

#### Where can this career take me?

Upon successful completion of this scheme, you could roll-off into one of the following roles: Engineering Technician, Assistant Engineer,



Works Inspector, Assistant Project Manager, and Assistant Operations Officer which could lead to further career development opportunities in our engineering, operations and project delivery teams.

## What training and support will you get?

You will be working towards a Level 6 qualification in a Civil engineer-degree.

Typically, you will be required to attend university one day a week during term time and may be required to attend one or more weeks of college field training.

Whilst on the scheme, we'll support your technical development through a wide range of on-the-job practical experiences and placements. We'll also support your professional development through a combination of classroom-led training courses, online training courses, mentoring opportunities and structured networking opportunities. You will receive one-to-one support throughout the programme from your TfL Engineering Mentor and your Line Manager. You'll also be connected to a 'buddy' who will be a more experienced apprentice from the scheme.

Your Scheme Sponsor and Engineering Mentor will also oversee your technical and professional development with the aim of supporting your application for professional accreditation with the Institution of Civil Engineers at either EngTech grade, for Level 3, or as Incorporated Engineer for Level 6.

#### **Entry requirements**

A minimum of 5 GCSE's A\*-C or Grade 4 and above including Maths and English Language (or equivalent) plus 3 A Levels A\*-C (or equivalent) including Maths & a Science subject.

You must be 18 years of age by 1 September 2020 to be eligible for this scheme.

#### **Software Development Level 4 Apprenticeship**

Apprenticeship Framework/Standard: Software

Developer

Duration: 24 months Location: London Salary: £20,231



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#### Job overview

Their software teams write the computer programs which keep London moving. Learn to write professional, high quality code using the full range of

Microsoft technologies, whilst gaining experience on some of London's largest and most innovative software systems.

#### What will I be doing?

As an apprentice, your 24 month development programme will be made up of up to 4 placement rotations. Our aim is to equip you with the range of skills and experience you need for your successful career. We also understand that everyone's career is different, so every apprentice's journey is unique. Here's an idea of what yours could look like:

Placement 1 – Backend developer on our Journey Planner system - 5 months – design and implement a high performance service which provides accurate fare information to customers planning their journeys. Write C# code, following best practices such as Test Driven Development, Behaviour Driven Development and Continuous Integration to deliver high quality, clean code.

Placement 2 – Online developer – 6 months – use Microsoft's Azure cloud to create intelligent bots which understand natural language and can provide automated responses to customers' questions on Facebook and Twitter. Your team will use the Scrum methodology to manage their project and you will learn the roles that each member of a Scrum team must play.

Placement 3 – Web developer – 6 months – add new features to the websites for use by Oyster & Contactless customers. By your third placement, you'll be working more independently, picking up your own tasks from the team's backlog, delivering fully tested components of software for review by your team.

Placement 4 – Full stack app developer – 6 months – enhance one of the key iOS apps used by tube station staff to assist customers. Learn Swift to develop the iPad app and then combine this with your knowledge of C# to create the secure backend services in Azure which push real-time data to staff devices.

#### Where can this career take me?

Their scheme equips you with the skills and knowledge to deliver enterprise software. The experience you gain with large business critical solutions will make you stand out from the competition. You could roll-off as a Developer – Responsible for delivering discrete software stories within a Scrum team, which meet business requirements, are fully tested and meet our standards for code quality. From here you could progress to a Senior Developer and then become a Technical Lead, accountable for a team's software design and implementation, including setting the quality standard.

### What training and support will you get?

You will be working towards a Level 4 qualification as a Software Developer.

Typically, you will be required to attend four residential training courses within your first year, each course lasting between 3 and 4 days.

### **Entry requirements**

A minimum of 5 GCSE's Grade A\* - C or Grade 4 and above including Maths and English language plus 2 A Levels at grade A\*-D or equivalent.

As part of the qualifications above you should have an A-Level (A\*-D) or GCSE (A\*-C) in an IT subject (or equivalent) or existing knowledge of any programming language including conditional statements, arrays, loops and error handling.

You must be 18 years of age by 1 September 2020 to be eligible for this scheme

#### **Parents Survey**

It is extremely important for us to gather feedback from parents on the quality of careers education within the school. We ask if you could complete this quick 2 minute survey on careers education to help us improve going forwards. The survey can be accessed by clicking the link below or scanning the QR code.

## https://www.surveymonkey.co.uk/r/NXGTC8W



If you have any questions or queries relating to careers please contact the careers leader Kate Ward on wardk@haileyburyturnford.com