



WEEKLY OPPORTUNITIES NEWSLETTER

YEARS 7 & 8

w/c 8th May 2023



Dear Student/Parent/Carer,
Recording interactions on Unifrog

Could you let Mrs Farmer know if you take part in any virtual or in person opportunities advertised in this Newsletter please? It is important that young people keep an electronic record of all the interactions you have with Further Education, Higher Education and employers. Please email ffarmer@toothillschool.co.uk with the date of the activity and the name of the activity.

Enjoy

The Toot Hill Careers Tea

Use the Contents section to skip to the information relevant for you. You can use the 'Back to Top' button to get back to this Contents section.

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Career Of The Week

Computer App Developer



What you'll do

Typical duties include the following:

- Talking to clients about what they want from their app (before and throughout each project)
- Writing the app itself using appropriate programming language
- Running tests, potentially with real users, to identify any issues
- Fixing and improving the code as necessary in light of testing
- Collaborating with designers and other computing professionals to improve the app

Record relevant activities you've already done on the [Activities tool](#)

Working hours and environment

You'll usually work traditional office hours: 9–5, Monday to Friday. You may sometimes need to work evenings and weekends if you've got to hit a tight deadline on a special project. You may also occasionally need to attend meetings or other events outside normal working hours.

Career path and progression

Like other digital media roles, you can (and maybe should) learn a lot and develop many useful skills through downloading the relevant software and following online guides (and experimenting with the tools yourself). Keep a record of anything you create so you can show potential employers.

The computing sector is constantly changing and expanding, so there are always new opportunities and new areas to get into.

You could specialise in a certain field, like making banking apps, gaming apps, or educational apps. (It would be useful to have relevant qualifications if you wanted to specialise like this.)

You could become an expert in one particular programming language (although this may also have drawbacks – sometimes it's good to understand a variety of languages for different situations).

With more knowledge and experience, you could move into management and be in charge of entire projects and/or your own team of programmers.

You could alternatively work on a self-employed basis, providing services and consultation to many different companies. As with all self-employment, there are advantages and disadvantages to this – check out our guide on '[How to become self-employed](#)'.

Skills required

You'll need the following skills:

- Excellent problem-solving skills
- Excellent programming and general IT skills
- A logical and methodical approach to work
- Accuracy and attention to detail
- Teamwork skills
- Project management skills

Got evidence of these skills? Record your examples on the [Skills tool](#).

Entry requirements

Employers generally look for technical skills and experience above everything else, and you should be able to provide evidence of these things. For example, you should be able to show off programs you have created/worked on and discuss what programming language(s) you used. (Useful languages include Java, Kotlin, and C/C++, although different languages might be better suited to different platforms.)

Some employers may also ask for a degree in a relevant subject, such as the following:

- Computer science
- Mathematics
- Applied computing
- Software engineering

You may be able to enter this career through studying for an apprenticeship. This is also a good way to build your skills.

Related Know-how guides

Explore Know-how guides related to this career:

- [Career specialisms: computing](#)
- [For and against: artificial intelligence \(AI\)](#)

Related university subject profiles

These university subjects are related to this career; check out their profiles on the Subjects library:

- [Computer science and AI](#)
- [Software engineering](#)

Related career profiles

You may also be interested in:

- [Web developer](#)
- [Computer games developer](#)
- [Software developer](#)
- [Computer programmer](#)
- [Software tester](#)
- [UX designer](#)

Explore

Want to see what relevant education and training opportunities are available right now? Search here:

Computer science and AI at uni:

[USA](#) [UK](#) [Canada](#) [Europe](#) [Asia](#) [Australasia](#) [Ireland](#)

Software engineering at uni:

[USA](#) [UK](#) [Canada](#) [Europe](#) [Asia](#) [Australasia](#) [Ireland](#)

Apprenticeships:

[UK](#)

College / Sixth Form:

[UK](#)

Labour Market Information (LMI)

UK Salary

Web design professionals (SOC4)

UK annual median: £38,732

Web and multimedia design professionals (SOC3)

UK annual median: £29,115

East Midlands annual median: £22,617

Top 3 regions: London (£31,329), North East (£30,787), West Midlands (£28,093)

INVESTIN

Get Career Ready This Summer – YR 8

Free Webinar for Students & Parents

Tuesday 16th May 18:00

GET CAREER READY THIS SUMMER



Free webinar for
students & parents on
making the most of the
summer holidays

INVESTIN



4.9/5 from 1,400+
Trustpilot Reviews

The summer holidays are a great chance for students to unwind but can also be a very useful time for them to upskill and prepare for their future careers.

Both parents and students can join us for an evening webinar as we provide advice and guidance on how to succeed over the summer holidays, including:

- What the job market looks like today and the key skills employers are looking for
- Practical tips on what students can be doing over summer to get ahead in their career development
- How InvestIN can support students in their careers over the summer holidays

This event will take place via Zoom at 18:00 UK time on Tuesday 16th May.

Recordings will be sent to all registrants, so interested parents and students should sign up even if they are unable to attend.

This event is free-of-charge and for both parents and students.
Please share this email with your community so that they can sign
up.

[VIEW & REGISTER](#)

[PDF of this email](#)

Summer Career Experiences in London



We are almost full for our Summer Career Experiences and expect to
close registration in the next few days.

Shadow doctors in a London hospital; trade the stock market in a London
skyscraper; explore supercars with Formula 1 engineers; argue a human
rights case in the Supreme Court; and much much more!

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[Register Now: Ages 15-18](#)

[Register Now: Ages 12-14](#)

Notts County Show Information Sharing Saturday May 13th 2023



The poster features a central green shield logo with 'NOTTINGHAMSHIRE COUNTY SHOW' written across it. To the left is a dark green circle with '16 YRS & FREE UNDER' in white. To the right is another dark green circle with 'DISCOUNTED £11** TICKETS' in white. Below the logo, it says 'IT'S BACK!' followed by '13 MAY 2023' in large green letters, and 'NEWARK SHOWGROUND' in smaller green letters. Below that, it says 'Celebrating the best of farming & rural life' in a cursive font, and 'Plus, local food & drink, shopping, countryside action + more!' in a smaller green font. There are four small photo cutouts: a person on a horse, a child in a car, a horse being ridden, and a man and woman with a trophy. At the bottom, it says '★ Book tickets now ★' and 'nottinghamshirecountyshow.com'. A location pin icon is next to 'NG24 2NY'. A QR code is in the bottom right corner with the text 'Scan for tickets!' next to it. A small sign with 'N Newark Showground' is also visible in the bottom right area.

16 YRS & FREE UNDER

NOTTINGHAMSHIRE COUNTY SHOW

DISCOUNTED £11** TICKETS

IT'S BACK!

13 MAY 2023

NEWARK SHOWGROUND

Celebrating the best of farming & rural life

Plus, local food & drink, shopping, countryside action + more!

★ Book tickets now ★

nottinghamshirecountyshow.com

NG24 2NY

Scan for tickets!

Newark Showground



Bringing the countryside to your doorstep



WHAT'S ON FOR 2023

With livestock and equine competitions, activities, local food and drink and lots of fun for all the family - come experience the best of the countryside with us and make this year one to remember!

Popular favourites

YFC Lawnmower Racing
Champion Livestock Parade
A Collection of Vintage Tractors

Competitions

Enter into one of our many livestock, equine & countryside competitions. Enter now online!

Have-a-go activities

Wand Making, Dog Agility & Flyball, Climbing Wall, Carousel + more!

Countryside Area

Talk to our experts about Crafts, Bee-keeping, Bird-watching + more!

Festival of Food

Celebrate the tastes of Nottinghamshire with food & drink from local producers

★ New this year ★

- ★ Horse Polo
- ★ Barlow 'Red Barrows'
- ★ Pony Club Mounted Games
- ★ Growing Hub
- ★ Miniature Donkeys + more!



Supported by **Advertiser**

*16 & under free of charge when accompanied by a paying adult and will still require a ticket.

**Discounted tickets are available until midnight 5th May 2023, therefore after gate prices will apply.



THE SMALLPEICE TRUST NEWSLETTER

The Smallpeice Newsletter

May the 4th be with you!

Here at the Smallpeice Trust we're big fans of Star Wars and very excited to share the details of a special course that is literally – out of this world!

GIRLS INTO ENGINEERING (RESIDENTIAL) – 14 August to 16 August 2023

Loughborough University – YEAR 8



Does your daughter like the idea of using science and maths to help people and the environment? Has she always enjoyed creative problem solving? We've teamed up with leading industry experts to help unlock your child's potential and test their technical and team skills at one of the UK's leading universities.

Girls Into Engineering has been thoughtfully designed to help nurture

and energise the passion for engineering within your daughter. With a full programme of learning and practical sessions, young students will get to meet and mix with other like-minded girls who all share an interest and excitement for engineering

£310 All inclusive

[READ MORE](#)

Did you know that we also offer an extensive range of virtual courses that can be completed in the comfort of your own home?

Keep reading on to find out more about some of the upcoming virtual course that are taking place this summer

OPITO EXPERIENCE ENGINEERING (VIRTUAL)

YEAR 8 STUDENTS

The OPITO virtual Engineering Experience will challenge young people to put their STEM skills to the test, from the comfort of their own homes and work to better understand fundamentals of being an engineer within the modern energy industry.

This four day Engineering Experience course is closely aligned with OPITO's *My Energy Future* programme - an online platform designed to encourage students to consider a career in the energy sector.

Students who participate in this course will get the opportunity to design and build their own prototypes, plus gain insight on what it really means to be an energy engineer.

All materials needed to complete the course will be delivered in advance. Fully funded places are available. If cost is a barrier, please see our [FAQ](#) section.

£99 All kit included

[READ MORE](#)

Year 8 Next Generation Leaders

YEAR 8 NEXT GENERATION LEADERS - PROJECT STARTING SOON

We will be starting the Next Generation Leaders Programme in School during the Summer term which will carry on until students are in Year 9.

This is an opportunity to work in a team to make a positive change in the community in which you study or live. What would you like to change?

This is an opportunity to make the lives of people in your community better. It is a competition and you will get the opportunity to go on trips and to celebrate your achievement at the end of the project in May 2024.

Do you and your friends want to work together as a team?


This is an opportunity to develop your leadership, teamworking, communication and researching skills.

This will run as an after school club from September 2023.

Are you passionate about making a difference and want to find out more?

If so there will be a meeting taking place with the people who run the project.

If you are interested please email Miss Farmer ffarmer@toothillschool.co.uk by Thursday 25 May.



If you have any comments or feedback on the Newsletters please email ffarmer@toothillschool.co.uk and not reply to this email as these Newsletters are sent from a no reply email address.

Thank you