

# Careers E-Bulletin

**Issue 10 – 17 February 2023**

## **Could you offer a work experience placement?**

All of our Y10 pupils will be enjoying a week of work experience, 26 – 30 June, and they are currently trying to source a placement. Could you, or someone you know, offer a placement for the week? This is a great opportunity to nurture young talent and potentially inspire someone about their future. If you would like to offer a placement or would like further information please let me know–

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Many thanks.



## **Y12 – Y13 Careers in Policing, Criminology, Law & Business, Computer Science, Criminology – Virtual event – 7-9 March, 4pm-5pm**

The University of Law are running their Explore Series which is designed to introduce you to career paths across their subject areas (Law, Business, Criminology, Policing, and Computer Science) through a combination of talks, practical tasks and other activities such as a Q&A panel sessions. Book your place by following the links below

Explore Law – 7th March, 4pm-5pm – [Book here](#)

Explore Business – 8th March, 4pm-5m – [Book here](#)

Explore Policing – 8th March, 4pm-5pm – [Book here](#)

Explore Computer Science – 9th March, 4pm-5pm – [Book here](#)

Explore Criminology – 9th March, 4pm-5pm – [Book here](#)



The  
University of  
**Law**

## **Y10 – Y13 Improving your digital and tech skills to enhance your career prospects**

SkillsGap are running a series of workshops led by industry experts to help you get a head start in your career. The 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. You will also get a chance to try a hands-on practical exercise, and put questions to a panel of industry experts.

### **AI in Engineering** - *Saturday, 25 Feb 2023*

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. This 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, 25 Feb 2023*

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. This 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.

### **Coding for Game Design** - *Saturday, 25 Feb 2023*

With one third of the world's population already estimated to be gamers, the gaming industry offers one of the hottest career tickets today. This 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.

### **Robotics in Space** - *Saturday, 11 Mar 2023*

From exploring the surface of Mars to sizing-up metallic asteroids, the race is on to unlock the mysteries of the universe and answer our planet's biggest challenges. Taught online by robotics experts, this workshop gives a fascinating insight into today's space industry. Take part in a hands-on exercise to design an autonomous robotic lander to explore Europa and get career tips and advice to get ahead.

### **AI in Medicine** - *Saturday, 11 Mar 2023*

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.

For further information and to register for any of the events, please visit [www.skillsgap.tech](http://www.skillsgap.tech).

If you have any questions please contact me at [caroline.foster@kingsmac.co.uk](mailto:caroline.foster@kingsmac.co.uk)