

NOV  
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2018

## Computer Science in Action

This inspirational day of KS5 computer science will take your students to the cutting edge in fields such as computer vision, software development, algorithms, pure programming and computer systems. Five renowned speakers from universities, industries and the media will reveal computer science at its very best and your students will have a whole lot of fun along the way. This day also features a special session with hints and tips for examination success.

- Browsing the world with Computer Vision
- Artificial Intelligence: Fact & Fiction
- Digital Forensics
- The magic of computer science
- 30 years in Computing and still loving it



Emmanuel Centre, London,  
London,  
SW1P 3DW



**Venue: £23 +VAT \***

Plus one COMPLIMENTARY staff ticket per 10 students.

\*VAT may be reclaimable. Please check with your finance department

Education in Action is the leading provider of inspirational, informative, Education in Action study days for A-level, IB, BTEC and GCSE students.

Award-winning, world-class speakers

Cutting-edge content

Thought-provoking demos and presentations

Examination hints, tips and guidance

Modestly priced to offer access to all

Complimentary staff ticket for every 10 students booked

**Bookings can be amended up to 28 days before the event day**

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### Browsing the world with Computer Vision / Tushar Sharma – Zeg.ai



Computer Vision (CV) is changing the way we visually recognise objects at a massive scale. Tushar will explore the challenges in CV, show the current use cases and provide a glimpse of the future.

Tushar works at Blippar, a visual discovery app, using augmented reality and machine learning to bring the physical world to life through smartphones and wearables.



### The magic of computer science / Paul Curzon – Queen Mary, University of London



When you learn to be a magician, it turns out you are learning the skills needed to be a great computer scientist too: computational thinking. Paul will use magic to see what computational thinking is all about.

Paul co-created the EPSRC funded magazine cs4fn. In 2010 he was made a National Teaching Fellow by the Higher Education Academy. The most prestigious award for university teaching.



### Artificial Intelligence: Fact & Fiction / Nigel Shadbolt – University of Oxford



Nigel will discuss current artificial intelligence research. He will explore how far various predictions of the imminent emergence of super-intelligent machines are warranted and look at the practical impact of artificial intelligence now and in the future.

Nigel is the Chairman and Co-Founder of the Open Data Institute. Nigel has transformed the widely acclaimed data.gov.uk site in his role as an Information Adviser to the Government.



### 30 years in Computing and still loving it / Mandy Chessell – IBM



Mandy will explore software development and the movement of data drawing on her extensive experience at IBM.

Mandy is an IBM Distinguished Engineer, Master Inventor and Fellow of the Royal Academy of Engineering as well as an adviser to numerous large organisations.



### Digital Forensics / Jaimi Anderson



Canada was the first country to pass federal laws that incorporated computer offenses in 1983. In October 2006, CSI first aired and the world was more readily exposed to the forensic investigation of crimes. There is much more to digital forensics than meets the eye and the relevance of digital forensics has now tripled since its first recorded inception in 1986. But what really is digital forensics, how does it fit in our society, who uses it and what does digital forensics involve? From history to tools, to interesting cases, follow me down a rabbit hole of crime and technology, where some true superheroes live.

Jaimi is a Cybersecurity Engineer with a background in cybersecurity and digital forensics. Originally from Australia, she left the sunshine in order to pursue a career in crime fighting.



## Education in Action

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