

Study and Career Options in Computer Science

Date: Thursday 31 August 2017

Time: 17.30 - 20.30

Venue: 3/F British Council, 3 Supreme Court Road, Admiralty

Programme

Room 307: Breaking and Entering: Pursuing a Career as an Ethical Hacker

A report by the US Strategic and National Research Center points out that organisations across the world have lost more than \$400bn annually due to cyberattacks. Cisco has pointed out that, in 2016, there was a global demand of at least one million jobs for network security professionals. Ethical hacking students learn the essential skills through case studies and upholding good professional ethics to tackle 'unethical hackers'

<i>Time</i>	<i>Panel speakers</i>
[Session 1] 17.30 – 18.15	<ul style="list-style-type: none"> • Dr Gavin Hales Division of Computing and Mathematics Abertay University
[Session 2] 18.35 – 19.20	<ul style="list-style-type: none"> • Andy Barlow Software Engineer at Friend MTS; Abertay University Graduate
[Session 3] 19.40 – 20.25	

Room 308: Cyber Security

The importance of Cyber Security in the 21st Century and career opportunities for students who study this field.

<i>Time</i>	<i>Panel speakers</i>
[Session 1] 17.30 – 18.15	<ul style="list-style-type: none"> • Christopher McDermott Lecturer, Computer Networking & Security Robert Gordon University
[Session 2] 18.35 – 19.20	<ul style="list-style-type: none"> • Kevin Ng CTO & Co-Founder, CYPHER.
[Session 3] 19.40 – 20.25	

Room 309: Creative Computing

Application of computing in creative contexts - the creation of computational systems in arts, music, film, digital media, and other areas of the software industry that require creative individuals.

<i>Time</i>	<i>Panel speakers</i>
[Session 1] 17.30 – 18.15	<ul style="list-style-type: none"> • Dr Nicolas Hine Lecturer Goldsmiths, University of London
[Session 2] 18.35 – 19.20	<ul style="list-style-type: none"> • Nickey Khemchandani CTO & Co-Founder, BSD Code + Design Academy
[Session 3] 19.40 – 20.25	

Main Area 3/F: Practical experience during your degree – what are industry placements and how do they work?

UK universities will often offer placements with industry during a degree programme, to give students practical experience and best prepare them for working life after graduation. Learn how placements work and what they involve. In addition an industry speaker will present what qualities they look for in graduates when recruiting.

<i>Time</i>	<i>Panel speakers</i>
[Session 1] 17.30 – 18.15	<ul style="list-style-type: none"> • Dr Catherine Teehan Lecturer, Careers Champion and MSc Placement Officer Cardiff University
[Session 2] 18.35 – 19.20	<ul style="list-style-type: none"> • Chris Geary CEO & Co-Founder, BSD Code + Design Academy
[Session 3] 19.40 – 20.25	

Academic speaker profiles

Dr Gavin Hales, Abertay University

Having completed his PhD at Abertay University in the area of Digital Forensics and Information Visualisation, Gavin is now a lecturer who teaches and supervises on the Ethical Hacking programme. He has interests in the Internet of Things, and how the security of these devices impacts upon our lives.



Christopher McDermott, Robert Gordon University

Chris is a dynamic and professional Lecturer with over 15 years sector leading academic and teaching experience in the field of Computer Networking & Security. Proven to provide high quality, innovative teaching using dynamic methods and models of delivery, through which learners are motivated, engaged and challenged to realise their full potential.



Dr Nicolas Hine, Goldsmiths, University of London

Nick Hine is a lecturer at Goldsmiths. He is particularly interested in how computer technology can meet the needs of older people, children and people with disabilities. He is currently designing Goldsmiths' new MSc in User Experience Engineering..



Dr Catherine Teehan, Cardiff University

With a background in business analytics and resource management, Catherine has very recently pursued a PhD in Policy Informatics and Systems Thinking. She now works closely with the Welsh Government on various policy matters. Her current role at Cardiff University allows her to engage with the IT industry to secure placements and graduate positions for MSc students.



Guest speaker profiles

Andy Barlow

Software Engineer at Friend MTS

I was offered a job in industry before I had even graduated from Abertay University. My chosen degree of study, in addition to the internships I completed made me extremely employable by companies that specialize in security. Additionally, the attributes that all Abertay alumni leave with have allowed me to settle in and contribute rapidly to the company I now work with.



Kevin Ng**CTO & Co-Founder, CYPHER**

Kevin studied in the UK from age 14 until he finished his Masters degrees for Computer Science and Applications. He is passionate about technologies and especially in Cybersecurity.

Kevin has extensive IT security expertise working in the world's largest and most dynamic gambling market (Macao), from IT operations to building construction.

**Nickey Khemchandani****CTO & Co-Founder, BSD Code + Design Academy**

10 years experienced polyglot developer and digital marketer, heading up all things digital and tech in BSD Code + Design Academy.

**Chris Geary****CTO & Co-Founder, BSD Code + Design Academy**

Experienced entrepreneur with 10 years experience. Started and developed 6 companies, Founding Curator of WEF Global Shaper Programme in HK

