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CONNECT

Issue 9.0 October 2019

Welcome to the **October** edition of Connect...

"Autumn is a second spring when every leaf is a flower." - Albert Camus

Just like that, October is upon us! The campuses are again buzzing with the familiar bustling halls of the careers services with students and staff. As we at AHECS know this is a busy time for all, please refer to this Newsletter as a one-stop-shop for all your AHECS information.

Similarly, if you have any information that you wish to be circulated on the newsletter, please send it to admin@ahecs.ie by the second Friday of that month.

We are looking for an article for next months newsletter! You'll find more information on how to submit an article down below.

Happy Autumn!

Best wishes

Gavin Connell & Trevor Johnston



Did you know AHECS are on Social Media?

Three sites to be exact, Twitter, YouTube and LinkedIn and we want to connect with you! All details are below, just click the relevant icon below and you will be

that we strive for at AHECS.

(P.S. To view the below .gif open this email in your internet browser)



Professional Coach Training



Smiling faces all round as AHECS Members pictured above receive their Professional Coach Training certificates.

The CPD committee comprising of Yvonne McLoughlin, Mary McNulty, Fiona

Ireland Coach Trainer of the Year, for AHECS Members. This training prepares attendee's to take their International Coach Federations' (ICF) entry-level exam, the Associate Certified Coach (ACC). Special thanks to Gavin Connell and the University of Limerick for hosting the training days.



'Artificial intelligence will be the cause of many traditional careers being replaced by technology'

- Claire Murphy, Career Development Advisor,

NUI Galway

Artificial intelligence (AI) is defined as the development of computer systems with the ability to perform tasks normally requiring human intelligence. Examples of these include visual perception, speech recognition as well as medical screening and even prison sentencing. There are two distinct types of Artificial Intelligence that involve human input which is further broken down into two subsets, 'Assisted Intelligence' and 'Augmented Intelligence'. The second type of AI which has no human involvement is broken down into 'Autonomous intelligence' and 'Automated Intelligence'. Some of the benefits of AI are a more increased productivity level for a lower cost in a shorter amount of time with higher accuracy than similar tasks with human input.

Artificial intelligence will be the cause of many traditional careers being replaced by technology. According to Paul Redmond Director of Student Services in the University of Liverpool, some of those careers include translators, journalists, accountants and career advisers. The good news is, however, that many new careers will arise from this new development of AI.

In Ireland, AI is already being applied in many areas such as healthcare, finance, entertainment and gaming, technology and communication as well as within the pharmaceutical and agriculture industries. Companies that have relatively large AI infrastructure include IBM, Valeo, Mastercard, Intel, Dell, Amazon, Accenture, Hubspot, SAP and Siemens to name but a few. According to PWC, AI will boost Ireland's GDP in 2030 by 11.6% or €48 billion, that is, if Ireland manages to invest the education and skills of AI.

Madden, the course director of the MSc in Artificial Intelligence in NUI Galway

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create according to a recent Forbes report globally up to 22 million new jobs by 2022. The world economic forum estimates that by 2025 machines are expected to perform more work current tasks than humans compared to 71% being performed by humans today, and their recent report concludes that artificial intelligence, robotics and smart automation technology could contribute to 15 trillion dollars to Global GDP by 2030.

One of the alarming findings from the PWC 2017 Digital IQ survey shows that, unfortunately, Ireland is lagging in AI investment. The same can be said for educating the Irish workforce in AI, with only 16% of Senior executives having any AI skills compared to the 63% global average. With any new strategy or technology implementation, employees need to be trained.

Implementing AI into any business requires a skilled workforce, but also a great understanding of what AI can do. 20% of Irish business executives reported that they did not have a well-equipped workforce who were skilled in AI so would, therefore, be unable to introduce and embed AI into their operations. AI cannot be delivered in silos and will require a multi-disciplinary approach to ensure that it is successfully embraced into Irish businesses.

Even though AI has been forecast to revolutionize Irish industry and how we do business, there are surprisingly no undergraduate courses in Artificial Intelligence available in the country. There are three Masters in Ireland, UL and CIT along with NUI Galway all offer an MSc in various Artificial Intelligence components. NUI Galway has just started an MSc in AI within the school of Computer Science. Strong computer science or mathematical background is recommended for those wishing to apply. The Course Director of the MSc in Galway, Professor Michael Madden upon completion of the MSc in Computer Science in Artificial Intelligence “Graduates will be excellently qualified to pursue new careers in Artificial Intelligence; such careers may include R & D opportunities in industry, PhD -level research or the establishment of new ventures that provide leading-edge Artificial Intelligence solutions and products”.

Claire Murphy

Career Development Advisor

NUI Galway



Job Opportunities

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Applications are invited for the position of Careers Advisor (Permanent) within the DCU Careers Service.

This role is at Senior Admin Assistant II and scale is €49,316 - €66,690

To read the full job description go to the DCU jobs website at:

<https://www.dcu.ie/hr/vacancies/current.shtml>

Closing date 11 October 2019

If you have job opportunities to advertise in the next Connect, please email admin@ahecs.ie



Article Submissions

We are keen to receive your suggestions for content for the next edition.

Please email admin@ahecs.ie with your content and items for next edition by 15th November 2019.



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