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Computer
Science

Professional Development Seminar Online

5 November 2020

17:00 - 19:00

Neural Networks and Deep Learning

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Undergraduate Projects Coordinator and Ethics for
Research Coordinator

The aim of this seminar is to introduce the concept of the Artificial Neural Network (ANN), explain how an ANN works, and is trained to perform pattern recognition. We will be covering the major training algorithms, forms and architectures, as well applications. Finally we will discuss what is deep learning, and how it is different from traditional ANNs.



Knowledgeable



Ethical



Information &
Digitally Literate



Lifelong Learner



Reflective &
Self Aware



Professional &
Adaptable

- Participation is compulsory for Level 3 CS students
- Upon completion of the seminar series, certificates will be provided to attendees