



## Nvidia Workshop: Fundamentals of Deep Learning

<b>Title</b>	<b>NVIDIA Deep Learning Institute Ambassador Workshop: Fundamentals of Deep Learning</b>
<b>Date and Time</b>	Monday 30/5/2022, 11:30 – 14:00
<b>Place</b>	The University of Jordan, School of Engineering
<b>Workshop Description</b>	<p>In this workshop, you'll learn how deep learning works through hands-on exercises in computer vision and natural language processing. You'll train deep learning models from scratch with learning tools and tricks to achieve highly accurate results. You'll also learn to leverage freely available, state-of-the-art pre-trained models to save time and get your deep learning application up and running quickly. By participating in this workshop, you'll:</p> <ul style="list-style-type: none"> <li>• Learn the fundamental techniques and tools required to train a deep learning model</li> <li>• Gain experience with common deep learning data types and model architectures</li> <li>• Enhance datasets through data augmentation to improve model accuracy</li> <li>• Leverage transfer learning between models to achieve efficient results with less data and computation</li> <li>• Build confidence to take on your own project with a modern deep learning framework</li> </ul> <p><b>Prerequisites:</b> Familiarity with the basic programming concepts in Python such as functions, loops, dictionaries, and arrays.</p>
<b>Organizers</b>	<ul style="list-style-type: none"> <li>• DeCAIR Project: Developing Curricula for Artificial Intelligence and Robotics</li> <li>• School of Engineering, The University of Jordan</li> <li>• Jordan Joint Chapter of the IEEE Computer Society and Computational Intelligence Society</li> </ul>
<b>Registration</b>	<ul style="list-style-type: none"> <li>• There is a limited number of seats, and you need <u><a href="#">official academic email account</a></u> to get access to the Nvidia platform used in this workshop.</li> <li>• Participation mode: in-person or through Zoom meeting</li> <li>• Registration link: <a href="https://forms.gle/9CuWkHSV61kPWpX69">https://forms.gle/9CuWkHSV61kPWpX69</a></li> <li>• Accepted registrations will receive email confirmation message specifying the mode of participation (In-person, or virtual)</li> </ul>



## Dr. Manal Jalloul



---

Dr. Manal Jalloul is an artificial intelligence expert, keynote speaker, and entrepreneur. She is NVIDIA Deep Learning Institute's certified instructor and University ambassador striving to democratize AI education in the MENA region.

She is also the co-founder and Chief Executive Officer of AI-Lab. AI Lab is an artificial intelligence consultancy and training company that provides specialized hands-on trainings and consulting services in the fields of artificial intelligence, accelerated computing, and data analytics to the industry. AI Lab is the certified delivery partner of NVIDIA DLI in EMEA. Through AI Lab, Dr. Jalloul strives to drive the adoption of AI among the startup ecosystem.

Dr. Jalloul is a member of the advisory board of the International Group of Artificial Intelligence (IGOAI) serving as Lebanon's country advisor. She is also an executive member of the Global AI Ethics Institute expert team which aims to build a strong and fair global governance system for AI.

Dr. Jalloul was named among NVIDIA's Top Distinguished Instructors for 2021. She is the recipient of ERSA/NVIDIA award for Best Young Entrepreneur in 2013 and Jammal Abdul Nasser Award for Academic Excellence in 2007.

Dr. Manal is also a lecturer and researcher at the American University of Beirut. Her research interests lie in the fields of artificial intelligence, computer vision, 3D printing, and parallel computing. She has several peer-reviewed publications in international journals and conferences.

LinkedIn: <https://www.linkedin.com/in/dr-manal-jalloul-17b57719/>

Email: [manal.jalloul@ailabsolutions.com](mailto:manal.jalloul@ailabsolutions.com)