

## رسائل الماجستير والدكتوراه التي أجازتها كلية الحاسبات والمعلومات

خلال عام ٢٠٢١م

### • نموذج للرسائل العلمية باللغة الإنجليزية:

Name	ID	Title	Theses	Supervisors	Year	Size	Pages	Summary
Ibrahim Saad Aly Abdelhalim.	12745525	Improving Data Augmentation for Skin Lesion Classification Using Self- Attention Based Progressive Generative Adversarial Network /	Master.-	Yousef Bassyouni Mahdy, Mamdouh Farouk Mohamed.-	2021.	24 Cm.	89 P. ;	<p>While recent Years have Witnessed the remarkable Success of deep learning methods automated skin lesion detection Systems, there still exists a gap between manual assessment of experts and automated evaluation of computers. The reason behind such a gap is the deep learning models demand considerable amounts of data, While the availability of annotated images is often limited.</p> <p>Data Augmentation (DA) is one way to mitigate the lack of labeled data; however, the augmented images intrinsically have a similar distribution to the original ones, leading to limited performance improvement.</p>

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Kholoud Ali Hussein Fahed Omar Al- Omar.	12742398	Taking Social Media to a university classroom : teaching and learning using Twitter and Blogs /	Doctor.-	Adel Abu El- Magd Sewisy, Ahmed Ibrahim Talouba , Mohammed Fawzy Seddik.-	2021.	24 Cm.	104 P. ;	<p>Social media is playing a vital role in many sectors including the higher educational and academic activities. Over the years it has become gradually key for those of us working in higher education to explore the available facilities of the new technologies for institutions, educators and students.</p> <p>Due to the COVID-19 pandemic crisis, e-learning has become the compulsory part of all educational institutions, such as schools, colleges, and universities in and around the world. The offline teaching method has reversed this deadly situation. E-learning offers an accessible method of teaching that brings out the best in students.</p>

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Mohamed Yousef Bassyouni Mahdy.	12744134	Sequential Pattern Recognition In Images Using Deep Neural Networks /	Doctor.-	Usama Sayed Mohammed,, Khaled Fatehy Hussain.-	2021.	24 Cm.	70 P. ;	<p>Unconstrained Text Recognition is an important Computer Vision Task, featuring a wide variety of different Sub-tasks, each with its own set of challenges. One of the biggest promises of deep natural networks has been the convergence and automation of future extractors from input raw signals, allowing for the highest possible performance with minimum required domain knowledge. To this end, we propose a date-efficient, end to end neural network model for generic, unconstrained text recognition. In our proposed architecture we strive for simplicity and efficiency without sacrificing recognition accuracy.</p> <p>Our proposed architecture is a fully convolutional neural network without any recurrent connections trained with the CTC loss function. Thus it operates on arbitrary input size and produce strings of arbitrary length in a very efficient and parallelizable manner.</p>

