

Department of Computer Science



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 **Date: 5 July 2022 (Tuesday)**

 **Time: 4:30pm – 5:30pm**

 **Registration: <http://bit.ly/bucs-ereg>**

(*Zoom details will only be provided to registrants)

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AI Meets Data Science

ABSTRACT

In recent years, deep learning (i.e., deep neural networks) has become the mainstream AI technology and made a great success in the data science area with many real-world applications, including autonomous driving, sports retrieval, recommendation, natural language understanding, etc. Effective and efficient data management and analytics are crucial for data science and have attracted much research attention. In this talk, several practices of applying deep learning architectures to data science will be introduced, which include the 1) data management topics on preprocessing and querying GPS trajectories; 2) data mining topics on retrieving similar sports plays, recommending advertisements, predicting locations of self-driving cars; and 3) natural language processing topics on recognizing named entities.



BIOGRAPHY

Zheng Wang is a PhD candidate at the School of Computer Science and Engineering, Nanyang Technological University. He has research interests broadly in data science areas including data management, data mining and natural language processing, with emerging deep learning techniques. He has published in major top-tier conferences and journals including PVLDB, ICDE, KDD, WWW, ACL, AAI and TKDE, etc. His research has been recognized by AISG PhD Fellowship and Google PhD Fellowship.

ENQUIRY