

MSc(CS) Dissertation Public Seminar

Title: Electronic Health Record and Disease Prediction

Speaker: Zhang Jiaqi

Date & Time: April 14 2021, Wednesday, 02:00pm

Zoom Meeting Link: <https://hku.zoom.us/j/91029393556>

Meeting ID: 910 2939 3556

Password: 292010

Abstract:

Electronic medical record is a form of record of medical records, including records of various examinations received by the patient in the hospital, records of the treatment done by the physician and the medical care of the patient. Electronic medical record contains rich clinical data and experience. The scientific research and application of electronic medical record can help alleviate the current problems of insufficient medical resources and uneven distribution, so as to realize more convenient and accessible instant medical monitoring and services. Our research is mainly focus on introducing machine learning and deep learning methods in prediction the suicide risk for patients with mental disease using electronical health records. And analyze the risk factors that influence the suicide risk for patients with mental illness according to the prediction model.

About the Speaker:

Zhang Jiaqi is currently a full-time MSc(CS) student of the Department of Computer Science in the University of Hong Kong. Her supervisor is Dr. Hao Luo.

All are welcome!

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