Mengyan Zhang

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EDUCATION

Ph.D. Candidate in Computer Science   2018-
The Australian National University

Bachelor of Advanced Computing (with First Class Honours)   2016-2018
The Australian National University
  GPA 6.938/7.0

Bachelor of Computer Science and Technology   2014-2016
Shandong University (Weihai)
  GPA 90.47/100

AWARDS

2019 Data61 Top-up Postgraduate Research Scholarship
2018 PhD Scholarship of ANU
2018 ANU HDR Fee Remission Merit Scholarship
2017 Paul Thistlewatte Memorial Honours Year Scholarship of ANU
2015-2016 National Scholarship (China)
2016 Lan Qiao Cup Programming Competition Shandong province 1st prize
2016 Social Research Practice Report Second Prize
2014-2015 National Scholarship (China)
2014-2015 First Prize Academic Scholarship of Shandong University

RESEARCH & PROJECT

Median-based Bandits for Unbounded Rewards   2019-
Data61, Australia National University

  As the basis of reinforcement learning, Upper Confidence Bound (UCB) algorithms balance exploration-exploitation for online tasks. In this research project, we propose a novel UCB algorithm based on empirical medians.

Active Learning Library for Knowledge Graph   2018-2019
Australia National University

  Active learning is a field of machine learning, which is a learning algorithm interactively queries the user to obtain the desired outputs at new data points. I extend active learning library in Python (Acton) to allow querying from Knowledge Graph structures.

Classification of Historical Death and Occupation coding   2017-2018
Australia National University

  Classification tasks for real historical death and occupation data sets. The objectives are to develop novel advanced text classification techniques, and evaluate these techniques on large real-world data collections. The project mainly use Python as programming language.

Car Warehouse System Design   2015-2016
Shandong University

  The project is mainly about database application(SQL) and interface design(Java/C#), designing car warehouse system which includes inventory, personnel management and sale management.

TEACHING

2019 Tutor for Statistical Machine Learning