

RUI ZHOU

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🎓 EDUCATION

University of Melbourne, Melbourne, Australia 2018 – Present

Master student in Information Technology (IT) *Weight. Average* 89/100

East China Normal University (ECNU), Shanghai, China 2013 – 2017

Bachelor student in Computer Science and Technology (CS) *GPA* 3.54/4.0

💼 INTERNSHIP

ByteDance Beijing, China Nov. 2018 – Feb. 2019

Brief introduction: Development of automated analysis diagnostic tool

- Reduced the time for manual troubleshooting from half an hour to less than one minute
- Provided a general framework for future expansion

👥 EXPERIENCE

Fault-tolerant Key/Value Service Mar. 2019 – May. 2019

Golang Individual Project

Brief introduction: Used the Raft consensus algorithm to allow up to f server failure within $2f + 1$ servers

Deceptive Reinforcement Learning Mar. 2019 – May. 2019

Python Supervised by Prof. Tim Miller

Brief introduction: Used a two-stage Q-Learning to solve the deceptive path-planning problem

Automatic Fact Verification Mar. 2019 – May. 2019

Python Team Project (Leader) Rank 3/160

Brief introduction: Used PyLucene and BERT for the evidence selection and used BERT to classify claims

- Label Accuracy 69.7% and Sentence Selection F1 71.1%

Pacman Capture the Flag Sep. 2018 – Oct. 2018

Python Team Project (Leader) Rank 19/156

Brief introduction: Used Negamax search to implement a Pacman AI in Pacman Capture the Flag competition

♡ HONORS AND AWARDS

Dean's Honours List 2018 May. 2019

Bronze Medal, Award on The ACM-ICPC Asia Regional Contest EC-final Site 2015 Dec. 2015

Bronze Medal, Award on The ACM-ICPC Asia Regional Contest Changchun Site 2015 Oct. 2015

Bronze Medal, Award on The ACM-ICPC Asia Regional Contest Shanghai Metropolitan Site 2015 Oct. 2015

Bronze Medal, Award on The ACM-ICPC Asia Regional Contest Shanghai Site 2014 Dec. 2014

Bronze Medal, Award on The ACM-ICPC Asia Regional Contest Shanghai Site Invitational 2014 Jul. 2014

⚙️ PROGRAMMING SKILLS

- Programming Languages: C, C++, Java, Python
- Development: Distributed System, AI, Reinforcement Learning, Stream computing

🌟 LANGUAGE SKILLS

- ITLTS Listening: 7.0 Reading: 7.0 Writing: 5.5 Speaking: 5.5 Overall: 6.5