

# Changxi Zhu (Chauncy)

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## EDUCATION BACKGROUND

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### Guangxi University

Sep 2013 - Jul 2017

*Bachelor of Electronic Commerce, School of Computer Science and  
Electronic Information*

GPA: 4.17 / 5.0 (rank 1/44)

- Honors/Awards: 2017 National Scholarship; 2017 President Scholarship
- Relevant Coursework: Mathematical Modeling, Data Structures, Principles of Computer Composition, Operations Research, Microeconomics, Management Science, etc.
- Graduates of Special Training Class of Guangxi University (Mathematical Modeling, 3 years with a certificate)

### South China University of Technology

Sep 2017 - Jun 2020

*Master of Software Engineering, School of Software Engineering*

- Weighted AVG Score: 85.72 (rank 13/28)
- Honors/Awards: 2018 University-level Outstanding Student Cadres; First-class Scholarship
- Relevant Coursework: Machine Learning, Deep Learning, Natural Language Processing, Text Mining, etc.

## COMPETITION EXPERIENCE

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- The Third Prize in the China Internet Plus University Students Innovation and Entrepreneurship Competition Oct. 2016
- The Second Prize in the China Undergraduate Mathematical Contest in Modeling Nov. 2016
- Meritorious Winner in the America Interdisciplinary Contest in Modeling Apr. 2016

## RESEARCH EXPERIENCE

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### The Chinese University of Hong Kong summer research

Jul 2018 - Aug 2018

**experience programme for mainland and Taiwan students 2018**

*Honorary research assistant, Department of computational science and  
engineering*

Hong Kong

- The main research topic in this period is knowledge sharing among Q-learning agents. There is a discussion with Prof. Leung at every week. Worked collaboratively with foreign team members to ensure successful project outcomes.

## PAPER PUBLICATION

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[A link to download all the papers](#)

- Changxi Zhu, Ho-fung Leung, Shuyue Hu, Yi Cai. A Q-values Sharing Framework for Multiple

Independent Q-learners (Extended Abstract). AAMAS 2019: 2324-2326.

- Xingwei Tan, Yi Cai, Changxi Zhu. Recognizing Conflict Opinions in Aspect-level Sentiment Classification with Dual Attention Networks (Short Paper). EMNLP/IJCNLP (1) 2019: 3424-3429.
- Changxi Zhu, Ho-fung Leung, Shuyue Hu, Yi Cai. A Q-values Sharing Framework for Multiagent Reinforcement Learning under Budget Constraint. (Submitted to ACM Trans. Autonom. Adapt. Syst., MINOR REVISION)
- Changxi Zhu, Yi Cai, Ho-fung Leung, Shuyue Hu. Learning by Reusing Previous Advice in Teacher-Student Paradigm. (Accepted by AAMAS 2020, full paper)

## SELF-EVALUATION

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- Skilled in multiple programming languages: Python, Java, C, HTML and Javascript. Fast implementation of machine learning algorithms, and basic deep learning models.
- Equally effective researching independently and as a dynamic team member.
- Hard-working, energetic, adapt to long term research, in particular, can work overtime.
- Exceptionally motivated and able to motivate others; a self-starter.
- Have wide knowledge in the fields of reinforcement learning, multi-agent learning and text classification.

## MISCELLANEOUS

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- **Skills:** Word (Proficient), PowerPoint (Proficient) and Photoshop (Basic)
- **Languages:** English (Fluent, IELTS 6.5) and Chinese (Native)
- **Interests:** Japanese (Beginner), Reading (Fiction and History), Singing and Film (Horror)