

# Yanyun Wang 王彦雲

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## Education

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- B.Eng. Software Engineering, East China Normal University (985 / Double First Class)** **09/2018 - 06/2022**  
- GPA: 3.52/4.0 - CGPA: 3.62/4.0 - Ranking: 30/186 (16.13%)  
- Thesis: *RNN Adversarial Samples Generation Approach based on Weighted Finite Automaton Abstraction* (Grade: A)
- Summer Workshop Student, School of Computing, National University of Singapore** **05/2021 - 07/2021**  
- Topic: AI/ML for Financial Services - Grade: A+  
- Project: *Portfolio Management - Based on LSTM Models and Optimal Combination* (Achievement: People's Choice Award)
- M.Sc. Computer Science, The University of Hong Kong** **09/2022 - Now**  
- GPA & CGPA: 3.12/4.0

## Research Experience

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- Research Assistant (part-time), Shanghai Key Laboratory of Trustworthy Computing** **09/2020 - Now**
- Efficient Adversarial Sequence Generation for RNN with Symbolic Weighted Finite Automata*  
Published at Safe AI Workshop @ The AAAI Conference on Artificial Intelligence 2022 (AAAI, ccf-a), The 4th Author  
[http://ceur-ws.org/Vol-3087/paper\\_19.pdf](http://ceur-ws.org/Vol-3087/paper_19.pdf)  
Best Paper Award Nomination
- Meta Pattern Concern Score: A Novel Evaluation Measure with Human Values for Multi-classifiers*  
Accepted to appear at The IEEE International Conference on Systems, Man, and Cybernetics 2023 (SMC, ccf-c), The 1st Author  
<https://arxiv.org/abs/2209.06408> (arXiv preprint)
- TSFool: Crafting Highly-imperceptible Adversarial Time Series through Multi-objective Black-box Attack to Fool RNN Classifiers*  
Under Review at The European Conference on Artificial Intelligence 2023 (ECAI, ccf-b), The 1st Author  
<https://arxiv.org/abs/2209.06388> (arXiv preprint)

## Intern Experience

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- Software Development Engineer, Dareway Software Co., Ltd** **07/2020 - 08/2020**
- Algorithm Engineer, Ping An Technology Co., Ltd** **08/2021 - 11/2021**  
- Department: NLP Innovation Research and Development Department, Knowledge Graph Technical Team

## Extracurricular Practice

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- Associate Director, Human Resource Center of Students' Union** **06/2019 - 06/2020**
- Participant, Shanghai College Students' Innovation and Entrepreneurship Training Program** **10/2019 - 10/2020**  
- Project: *Jiangnan Mengxun* – a 2.5D indie word adventure game - Grade: Provincial Level - B

## Honors & Awards

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- Excellent Undergraduate Student, East China Normal University** **2020 & 2021**
- First / Second-class Scholarship, East China Normal University** **2020 / 2021**
- Excellent Graduate Award, East China Normal University** **2022**
- Excellent Bachelor's Degree Thesis Award, East China Normal University** **2022**