Zhengcong Fei

Curriculum Vitae

📞 *158-5079-8820*
✉ *feizhengcong@ict.ac.cn*
🖥 *https://feizc.github.io/resume/*

Education

2019–Now **Institute of Computing Technology**, *Chinese Academy of Sciences*, Beijing.
M.D. Candidate in Computer Application Technology
Advised by Hao Chi

2015–2019 **EE**, *Nanjing University of Science and Technology*, Nanjing.
Bachelor of Electronic Information Engineering
GPA: 3.75/4   Rank: 1/165

Research Interests

o Reinforcement Learning   o Vision and Language

Honors & Awards

2018 The Mathematical/Interdisciplinary Contest in Modeling (MCM/ICM), **Meritorious Winner**

2018 China Undergraduate Mathematical Contest in Modeling, **First Prize**

2018 MathorCup Mathematical Contest, **First Prize**

2017 National Military Mathematical Modeling League, **Second Prize**

2017 Certification Cup Mathematical Contest, **First Prize**

2016 Mathematics Competition of Chinese College Students, **First Prize**

2016 Chinese Mathematics Competitions (CMC), **First Prize**

Experience

2019 Search Engine for Mass Spectra
Mar-Jun **ICT**, CAS
advised by Hao Chi

2018 Multi-Scale Objective Detection
Apr-Oct **AAIS**, Peking University
advised by Jue Zhang

Publications

6 Improving Tandem Mass Spectrua Analysis with Hierarchical Learning
Zhengcong Fei
IJCAI 2020

5 Actor-Critic Sequence Generation for Relative Difference Captioning

Zhengcong Fei

ICMR 2020 (**Oral Presentation**)

4 Novel Peptide Sequencing with Deep Reinforcement Learning

Zhengcong Fei

ICME 2020 (**Oral Presentation**)

3 Fast Image Caption Generation with Position Alignment

Zhengcong Fei

AAAI 2020 Workshop on Artificial Intelligence of Things (**Oral Presentation**)

2 Better Understanding Hierarchical Visual Relationship for Image Caption

Zhengcong Fei

NeurIPS 2019 Workshop on New In ML

1 GameTag: A New Sequence Tag Generation Algorithm Based on Cooperative Game Theory

Zhengcong Fei, Kaifei Wang, Si-min He, Hao Chi

Proteomics under review

Skills

Language	C++; Python
DL Tools	Pytorch; Tensorflow
CET-4	571
CET-6	551

Service

Conference Reviewing	NeurIPS 2020