

Gong, Linyuan – Résumé

University	Peking University	Major	Computer Science and Technology
Mobile Phone	+86 132 6951 6233	Email	gonglinyuan@hotmail.com

Education

- **Turing Class, School of EECS, Peking University**
 - GPA - 3.80/4.00
 - *Calculus, Algebra, Probability, Statistics, Stochastic Process, Combinatorics*
 - *Algorithms and Data Structures, Information Theory, Theoretical CS*
 - *Machine Learning, Web Technology, Parallel and Distributed Computing*
- **Online courses on Coursera**
 - Finished 7 courses in machine learning and 2 courses in theoretical CS

Internship

- Oct 2018 - Now** Research Intern in Machine Learning Group, Microsoft Research Asia. Develop machine translation systems. Doing research projects about an efficient optimization of *BERT*.
- Jul 2018 - Oct 2018** Software Development Intern in Big Data Mining Group, Microsoft Research Asia. Developed and maintained *Enterprise Deep Intelligence (EDI)*, a dialog agent that can schedule meetings for Microsoft employees.

Activities

- Dec 2018** Working on an NLP research project about an efficient optimization of *BERT* in MSRA Machine Learning Group. We plan to submit our paper to ICML 2019.
- Jun 2018** Ranked top 1 in MURA until Jul. 24th, 2018. MURA is a deep learning competition for medical radiograph abnormality detection. I designed a new algorithm for preprocessing noisy medical radiographs and greatly improved our CNN models.
- Dec 2017** Ranked 16/589 in CCF BDCI 2017, a deep learning competition on a text classification task.

Honors and Awards

- National Olympiad in Informatics (NOI) 2015, Gold (29th place)
- Mathematical Contest in Modeling®(MCM) 2018, Finalist (7th place)

Professional Skills

- **Software Development**

C++, C, ASM, CUDA®, Java, C#, Kotlin HTML, XML, JavaScript, CSS, SQL, Git

- **Data Science and Scientific Computing**

Python, Numpy, Pytorch, Tensorflow, Keras Octave/Matlab®, Wolfram Mathematica®

- **Miscellaneous**

LaTeX - academic writing and typesetting

Linux, Windows Server® - server operation and maintenance

Language Skills

Proficient in academic English:

- **TOEFL iBT®** - Score: 110 - March 2018
- **GRE®** - Score: 340+4 - September 2017