

Xuandeng Fu

Curriculum Vitæ

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RESEARCH INTERESTS

My research interests lie in the whole area of computer science and its interdisciplinary disciplines, including but not limited to quantum computation, algorithms, data structures, computational complexity, combinatorial optimization, microprocessor architecture, machine learning, mathematical finance, information security.

EDUCATION

University of Electronic Science and Technology of China

Chengdu, CHINA

Sep. 2016 - Present

- B.Eng. Student in Microelectronic Science and Engineering
- School of Electronic Science and Engineering
- *Recommended Postgraduate Candidate Exempt from Admission Exam*

Sichuan University

Chengdu, CHINA

Sep. 2013 - Jul. 2014

- [The Science Talent Program](#) in Computer Science
- Organizer: Children & Youth Science Center, China Association for Science & Technology
- Advisor: Prof. [Ningjiu Tang](#), Game Intelligence

HONORS AND AWARDS

- **Excellent Student Scholarship**, University of Electronic Science and Technology of China. *Dec. 2018.*
- **Silver Medal**, The 2018 ACM-ICPC **Asia-East Continent Final**. *Nov. 2018.*
- **Silver Medal**, The 2018 ACM-ICPC Asia Regional Contest (Xuzhou Site). *Oct. 2018.*
- **Gold Medal**, The 2018 ICPC China SiChuan Provincial Programming Contest. *Jun. 2018.*
- **Silver Medal**, 2018 China Collegiate Programming Contest - National Invitational Contest (Hunan). *May 2018.*
- **Honorable Mention** (Top 40%), 2018 COMAP's Mathematical Contest in Modeling® (MCM). *Feb. 2018.*
- **Global 81st Place** (Top 4%), IEEEExtreme Programming Competition 11.0. *Oct. 2017.*
- **Bronze Medal**, The 2017 ACM-ICPC Asia Regional Contest (Xi'an Site). *Oct. 2017.*

KNOWLEDGE AND COURSES

- **Mathematics and Physics**
 - Mathematical Analysis, Quantum Mechincs
- **Solid**
 - Course 1, Course 2, Course 3, ...
- **Micro**
 - Course I, Course II, Course III, ...

PROJECTS

Web and iPad-based Informatized Detection and Report Auto-generation Platform

Team Co-Leader & Leading Developer

Mar. 2018 - Present

- did this thing
- did that thing

Multi-Platform Information Interaction System Based on Mobile Terminal

Team Leader & Leading Developer

Oct. 2017 - Apr. 2018

- College Student Innovation and Entrepreneurship Training Plan
- did something
- did another thing

Official Website of The 11th Shanghai College Chemistry Experiment Competition

Backend Developer

Feb. 2017 - Jul. 2017

- done

SKILLS

<i>Language</i>	Mandarin (Native), Written English (Proficient)
<i>Programming</i>	C/C++, JAVA, Javascript, Python, PHP, Verilog, VHDL, TikZ
<i>Protocols & APIs</i>	XML, JSON, RESTful, GraphQL
<i>Library</i>	Qt, TensorFlow (Keras), scikit-learn, SciPy (NumPy, Matplotlib, pandas, ...)
<i>Frameworks</i>	React, React Native, Vue.js
<i>Tools</i>	L ^A T _E X, git, vim, Xilinx Vivado, Kali Linux, curl, ...
<i>Platforms</i>	Windows, Linux, Docker, Desktop, Web, iOS / Android, WeChat Applet

LINKS

<i>Blog</i>	https://blog.abreto.net
<i>Codeforces</i>	https://codeforces.com/profile/Abreto
<i>GitHub</i>	https://github.com/Abreto