

Zhao Gong

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Engineering student in Electronic
and Information



Education

2014–2018 **Bachelor of Engineering**, *School of Electronic and Information Engineering*, Beijing JiaoTong University, China.
Major: Automatic Control (EE domain)
Major Courses: Control Theory, Fundamental of Artificial Intelligence, Intelligence Control, Project of Electronic Systems
Major GPA: 3.34/4.0
GRE: 150 (Verbal) + 164 (Quantitative)



Experience

- 6/2018–present **Research Assistant**, Electromagnet Tomography Lab, BJTU.
Research Information Management.
Analyzing the Data from Experiments and Report it in a paper.
Submit the Paper as the First Author in IEEE TVT.
Rearrange and make hardware equipment of the Lab more intelligence.
- 3/2018–3/2018 **Internship in Zhengzhou Railway Administration**, *Member*, Zhengzhou North Railway Station, Zhengzhou.
Learning working experience in the second world largest railway cargo transfer center.
Learning algorithm of wagon box dispatch.
Operating real instruments in the production environment.
- 12/2017–5/2018 **Graduation Project**, *Group Leader, Framework Designer, Programmer*, Electromagnet Tomography Laboratory, BJTU.
Developing a real-time measurement system based on Apache Storm and Apache Kafka.
Testing the performance of the spark plug by using different signals.
Highest grade in the graduation project evaluation.
- 4/2017–5/2017 **Decipher and encipher a message**, *Designer and programmer*, Laboratory of Message Processing, BJTU.
Cipher algorithm analyst and decipher program designer.
Co-designer of encipher algorithm.
- 12/2015–3/2017 **Hardware development2**, *Designer and Programmer*, Laboratory of Electronic Hardware, BJTU.
Developing a programmed, auto track mini car.
Responsible for designing the circuit and programming the core of the embedded system.
- 6/2017–7/2017 **Hardware development1**, *Group Leader, Designer and Programmer*, Laboratory of Electronic Hardware, BJTU.
Developing a programmed, high precise electronic system.
Responsible for designing the circuit and programming the core of the embedded system.
- 4/2015–6/2015 **Rewrite old software**, *Designer, Programmer and Tester*, Laboratory of Ultrasonic, BJTU.
Program designer, developer, and tester in the rewriting project of the Three Sites Ultrasonic Position System.



Skills

OS	Linux, Unix, Windows	Administration	Apache, Mailman
Programming	JAVA, C/C++, Go	Scripting	C#, VB, PYTHON
Scientific	Matlab, Autocad, Altium Designer	Typography	LaTeX



Volunteer

- 7/2016–8/2016 **Volunteer**, *Science Camp for High School Student*, Beijing, BJTU.
Responsible for student's active guide and emergence aid.
- 10/2017–10/2017 **Volunteer**, *Beijing International Marathon*, Beijing, Beijing.
Responsible for supply station.