

# Wenjing Fan

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## EDUCATION

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Sep.2015 – Mar.2018	<b>Shanghai Jiao Tong University</b>	<b>Communication Engineering</b>	<b>Master</b>
	Research field: Signal processing and data compression. Method: Information theory, statistical models, compression algorithms. Activities: Vice president of school, Class League Secretary.		
Sep.2011 – Jul.2015	<b>Shanghai Jiao Tong University</b>	<b>Information Engineering</b>	<b>Bachelor</b>
	Excellence Engineer Project. Major courses: data structure, signal and system, digital signal processing. PRP project: Non-uniform Optical Sampling and Spectrum Recognition, reconstruction of the optical signal when sparse sampling.		

## PROJECT EXPERIENCE

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Sep.2015 – Nov.2016	<b>Structured Prediction and Compression Based on Gene Sequences</b> Efficient compression for gene sequences; Improve searching algorithms and contextual models for symbol prediction; Implement algorithms with C++; Have published a paper at IEEE Data Compression Conference (DCC) 2017.		
Jul.2014 – Jan.2015	<b>Ericsson</b>	<b>Application &amp; Technology</b>	<b>intern</b>
	Node configuration on the Linux server; Participate in the project of communication between mobile client and Web.		

## CERTIFICATES

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Dec.2016	Paper “Complementary Context Models with FM-index for DNA Compression” published at IEEE Data Compression Conference (DCC) 2017.
Oct.2016	Huawei Scholarship; First-class scholarship of Shanghai Jiao Tong University.
Oct.2016	Excellent student cadre of Shanghai Jiao Tong University.
Nov.2015	The third prize in the twelfth National Graduate Mathematical Contest.
Jun.2015	Outstanding graduates of Shanghai

## SKILLS

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English:	Good listening, speaking, reading and writing skills; strong ability of English literature reading.
Computer:	Proficient in C ++, mastering the data structure, algorithm, familiar with the statistics; Learning about Java, SQL, html5, simple web production; Learning about Linux OS and Shell commands.

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