

Xinyi Wu

PERSONAL DATA

PLACE AND DATE OF BIRTH: Beijing, China | 06 11 1995
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EDUCATION

JAN - MAY 2016	Chinese University of Hong Kong, Hong Kong <i>Major: (IASP) Spring Exchange Program</i> Course: Operation Research, Risk Analysis for insurance, Database System
<i>Current</i> SEP 2013	Shanghai Jiao Tong University, Shanghai, China <i>Institute: University of Michigan - Shanghai Jiao Tong University Joint Institute</i> <i>Bachelor in Electrical and Computer Engineering</i> EXCELLENT COURSES: Stochastic Simulation Methods, Cryptography, Electronic Circuits, Digital Signal Processing, Discrete Mathematics, Physical Education, American Intellectual History
<i>June 2013</i> <i>Sep 2007</i>	The Experimental High School Attached to Beijing Normal University, Beijing, China <i>Major: Science</i>

WORK EXPERIENCE

<i>Current</i> SEP 2016	Teaching Assistant at UMJI - SJTU JOINT INSTITUTE <i>Course: Discrete Mathematics (Ve203)</i> Assist professor with the lecture. Hold Recitation Class and Office Hour once a week. Grading exam paper 3 times and 12 assignments. The course includes basic number theory, Group theory, Basic Cryptography, Algorithms and time complexity and Graph theory
JULY - SEP 2016	Summer intern at BAIDU NUOMI CO. LTD, Beijing <i>Data Analysis Research Assistant</i> Work for a Group-buying Application Company. Engaged in the department of User Management. Deal with data regarding the need of individual customers. Use SQL to collect daily data. Use excel to analysis data and make decision in week basis.

SCHOLARSHIPS AND CERTIFICATES

OCT 2016	Dean's list in Fall Semester of 2015-2016 Academic Year (Excellent Student in Academic)
MAY 27th 2016	TOFEL®: 99 (R:26;L:25;S:23;W:25)
APR 2016	Team 43843: Meritorious Winner of American MATHEMATICAL CONTEST IN MODELING®
OCT 2015	Distinguished leadership award in the institute (for Philharmonic Association)
OCT 2012	The Mathematical Competition of Senior High School of China, 2nd Prize in Beijing

RESEARCH AND ACADEMIC PROJECT EXPERIENCE

Current SEP 2016	Network Design for Millimeter-Wave and Terahertz Wireless Systems <i>Directed by Dr. Chong Han</i> <i>Research Paper:</i> C. Han, W. Tong, X. Wu "A Memory-Assisted MAC Control with Angular-Division-Multiplexing in Terahertz Networks", 2016.10. #1570321895, IEEE ICC 2017 Mobile and Wireless Networking Focus Medium Access Control in Terahertz Band, Channel Modeling, Physical Layer Design, Cellular Systems
JUNE 2016	ADVANCED ENCRYPTION STANDARD IN C <i>Course: Cryptography Project</i>
APR 2016	LIBRARY BOOKING SYSTEM IN SQL <i>Course: Database System</i>
OCT 2015	DAILY STOCK TRADING RECORDER IN C++ <i>Course: Data Structure and Algorithms</i>
OCT - DEC 2013	MULTIFUNCTIONAL WINDOW BASED ON THE CONCEPT OF THE INTERNET OF THINGS <i>Course: Introduction to Engineering</i> Poster is published on the Institute Journal: Exhibition of the Engineering Design, 2013-2014 Fall. Description: Connect windows to other furniture model with sensors to implement idea of internet of things.

SOCIAL ACTIVITIES ON MUSIC

AUG 2015 SEP 2014	12nd Leader on PHILHARMONIC ASSOCIATION <i>An official student organization on classical music</i> One of the oldest and most influential association in SJTU <i>Apr 12nd, 2015:</i> Hisaishi Concert joint with Musical Cooperation outside campus <i>Dec 3rd, 2014:</i> 12th annual concert for Philharmonic Association <i>Dec 7th, 2013:</i> Representative in Inter-college Association in Zhejiang University
APR 22ND 2016	CUHK Farewell Party for International Exchange Students Violin Performance: Introduction and Tarantella, Sarasate
OCT 13TH 2015	SJTU Welcome party for freshmen Protagonist in a Music Drama
JULY 4TH 2015	SJTU Farewell party for graduates Dubbing for a short film on stage (with violin)
SEP 9TH 2014	SJTU Farewell Party for Military Training Conductor for a choir
MAR 2010	Chinese Musician Association - Violin Ninth Level - Highest Amateur Level

LANGUAGES

CHINESE:	Mother tongue
ENGLISH:	Decent
CANTONESE, GERMAN:	Basic Knowledge

COMPUTER SKILLS

Basic Knowledge:	C/C++, MATLAB, MATHEMATICA, PYTHON, MySQL, JAVA, XILINX, LINUX ubuntu, L ^A T _E X
Intermediate Knowledge:	VBA, Excel, Word, PowerPoint