

ZHANG Chenzi

Room 1755, Student Halls of Residence, 1 Hung Lai Road, Kowloon, Hong Kong

Mobile: (+852) 5135-8275 Email: china.zhangchenzi@gmail.com

EDUCATION

2008 - 2013	Hong Kong Polytechnic University BSc (Hons) Scheme in Information Technology Related courses: Data Structures & Algorithms II (A+); Discrete Mathematics (A+)	GPA: 3.61/4.0
2010 - 2011	The Catholic University of America (Exchange Program) Related courses: Theory of Computing (A); Cryptography (A-)	GPA: 3.60/4.0

RESEARCH EXPERIENCES

Summer 2011	HKPU Advanced Enterprise Infrastructure Laboratory <ul style="list-style-type: none">Designed an approximate algorithm for bicriterion shortest path problem Implemented the design with genetic algorithm and simulated annealing Made comparison with deterministic algorithm (Martin's algorithm)Developed an image processing and object recognition application in C++ Trained the artificial neural network by backpropagationPresented the works to The University of Cambridge during a study trip	Research Assistant
-------------	--	--------------------

WORKING EXPERIENCES

2011 - now	ZLOOP (www.zloop.net) <ul style="list-style-type: none">Designed, implemented and maintaining a website for second-hand goods exchange	Web Developer
2011 - 2012	XGATE Corporation Limited <ul style="list-style-type: none">Designed and implemented enterprise level high concurrency Java applicationDesigned a MySQL database adapter to reduce database access frequency	Software Engineer Intern
Sem 1, 2010	Data Structure and Algorithms II <ul style="list-style-type: none">Explained algorithms and their analysis to classmatesStarted to intuitively understand a theory through its proof and exercises	Teaching Assistant
Summer 2009	Morey's Piers Amusement Park(US) <ul style="list-style-type: none">Worked for three months and traveled for one month	Games Operator

STANDARD TESTS

2012	TOEFL	106 (Reading 27, Listening 28, Speaking 24, Writing 27)
2012	GRE	319+3.0 (Quantitative 165/170, Verbal 154/170, Analytical Writing 3.0/6.0)

AWARDS

2008 - 2013	The Hong Kong Polytechnic University Mainland Students Scholarship
2009 - 2010	Faculty of Engineering Dean's List
2010 - 2011	Scholarship for Outbound Exchange students
2012	Third Prize in the IEEE Hong Kong Section 2011 (UG) Student Paper Contest: "Green routing: an investigation of bicriterion shortest path problems"

EXTRACURRICULAR ACTIVITIES

2010, 2012	Student Helpers for PolyU Info Day
2011	Web developer for finalist Project ZLOOP of HK Social Enterprise Competition (HKSEC)
2010	Student Helper for The ACM Symposium on Virtual Reality Software and Technology (VRST)

INTERESTS

Reading, Puzzle, C Programming and Mathematics