



SUN Yudong

孙毓栋

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Résumé

Education

2015 - 2016	Hwa Chong Institution (Junior College)
	Gifted and Talented Education Programme Specialisation in Physics and Maths
2015 - 2016	
	Singapore - Cambridge GCE A Levels
	H2 Physics, Chemistry, Mathematics, German
	H3 Linear Algebra [NUS]
	Hwa Chong Diploma with Distinction
	4 × A's Distinction
2011 - 2014	Hwa Chong Institution (High School / IP)
	German as a Third Language
2011 - 2014	
	2nd in National Cohort
	Science and Math Talent Programme Specialisation in Physics and Biology
2013 - 2014	
	Outstanding Student Award Recipient Academic Mean Subject Grade = 1.27
2005 - 2010	Nan Hua Primary School

Co-Curricular Activities

2011 - 2016	Electronics and Computer Club
	Vice - Chairman
2013 - 2014	
2014 - 2016	Photonics Interest Group
2015 - 2016	Science Students' Research Council
	Council Publicity I/C
2016	
	Physics Interest Group (Main Committee)
	International Science Youth Forum (ISYF)
2016	
	↳ Media and Publicity I/C

Engagements

2018/02 - Now	SJPO Alumni Trainer at Hwa Chong Institution
2017/02 - 2019/02	NSF (Army / 35SCE)
2017/01 - /02	Teaching Intern (Physics / Maths) at Queensway Secondary School
2015/02 - 2016/06	Coding4Children at Ulu Pandan Stars (UP Stars)

Skills and Abilities

Languages		
English	Chinese	German
Excellent	Good	Good
Written and Spoken	Written and Spoken	Written and Spoken
		TestDaF (TDN 4/5/4/4)
Skills		
• Proficient	Web Design + Full Stack Development	
	Frontend:	JavaScript, HTML/CSS
	Backend:	LAMP
	*NIX Sys Administration and Automation	
	shell scripting; server deployment	
	Git Distributed Version Control System	
	Data Analysis	
	Python, C++	
	incl. data-processing purposes used in conjunction with software such as gnuplot.	
	Document processing with LaTeX	
• Basic	C#, VBA and MATLAB	
	Competitive programming	
	incl. data structures and algorithms	
	Computer security	
	Signal processing	
Others	Photography, Video Editing	

Relevant Experiences and Achievements

Public Projects		
2018	The English Tuition Corner	Website www.theenglishtuitioncorner.com
Contests and Competitions		
2016	Euclid Math Contest	Distinction
2016	National Olympiad in Informatics	Bronze
2015	Manpower Hackathon	Best Design
2014	Singapore Games Creation Competition	2nd Runner's Up Gamer's Choice
2013 2012	} Splash Awards	1st Runner's Up