



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	4 × A's
	H3 Linear Algebra [NUS]	Distinction
	Hwa Chong Diploma with 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