



SUN Yudong

孙毓栋

Email sunjerry019@gmail.com
Address Blk 91 Tanglin Halt Road
#25-300 Singapore 142091
Phone 97265068
D.O.B. 29 Jul 1998

github.com/sunjerry019

Résumé

Education

2015 - 2016	Hwa Chong Institution (Junior College)
	Gifted and Talented Education Programme Specialization in Physics and Maths
2015 - 2016	
	Singapore - Cambridge GCE A Levels H2 Physics, Chemistry, Mathematics, German H3 Linear Algebra [NUS]
	4 × A's 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 Specialization 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
2015 - 2016	Gifted and Talented Education Program Student Committee

Engagements

2018/02 - Now	SJPO Alumni Trainer at Hwa Chong Institution
2017/02 - Now	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 and Development using JavaScript, HTML/CSS, and PHP/MySQL
	System administration and automation on unix-based systems
	shell scripting; deployment of servers and LAMP stacks
	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
Others	Photography, Video Editing

Relevant Experiences and Achievements

Public Projects

2018	The English Tuition Corner	Website www.theenglishtuitioncorner.com
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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

Skill Modules

2015	DSO/Signal Processing
2014	DSO/Computer Security