



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 2nd Runner's Up
Competition Gamer's Choice

2013 } Splash Awards 1st Runner's Up
2012 }