



# 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 - 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 + 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 }