

ANG Yan Sheng

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Education

National University of Singapore (2015–2019)
B.Sc. (Hons) with Major in Mathematics Expected Jul 2019
University Scholars Programme
Cumulative Average Point: 4.95/5.00 (as of 2017/18 Sem 2)

Achievements

Competitions

Simon Marais Mathematics Competition *Asia-Pacific*
2018 (1st Place), 2017 (1st Place)
NTU Euler Math Competition *National*
2017 (1st Place), 2016 (2nd Place)
International Mathematical Olympiad
2012 (Bronze), 2011 (Silver), 2010 (Silver)

Awards

Tan Teck Chwee Book Prize (2017/18) *Faculty of Science*
Top Year 3 student in Pure Mathematics
Lim Soo Peng Book Prize (2016/17) *Faculty of Science*
Top Year 2 student in Mathematics
Dean's List (2016/17 Sem 1 & 2, 2017/18 Sem 1 & 2) *Faculty of Science*
Lee Kuan Yew Award for Mathematics and Science (2011, 2013) *National*
A* Star Young Researcher Award (2012) *National*

Overseas Programmes

Fields Undergraduate Summer Research Programme
Jul–Aug 2018, Toronto, Canada
Heidelberg Laureate Forum
Sep 2017, Heidelberg, Germany

Modern Mathematics: International Summer School for Students

Jul 2017, Bremen, Germany

Aug 2012, Lyon, France

Research

NUS Honours Year Project (2018–19)

Title: Geodesics on Punctured Hyperbolic Surfaces

Fields Undergraduate Summer Research Programme (2018)

*Title: Morphological Operations as Geometric Flows
(with Silvia Sellán and Jacob Kesten)*

NUS High School Advanced Research Project (2009–12)

*Title: Generalised Quantum Tic-Tac-Toe
(with Ananya Kumar)*

Intel International Science and Engineering Fair 2012

Second Award in Computer Science, Grand Award

Second Award, Association for Computing Machinery Special Award

Singapore Science and Engineering Fair 2012

Gold Award

Singapore Mathematics Project Festival (Senior) 2011

Gold Medal

Foo Kean Pew Memorial Prize

Best overall project

NUS High School Independent Research Project (2011–12)

*Title: Algorithms for Constructing Efficient and Stable Networks
(with Ananya Kumar)*

Singapore Science and Engineering Fair 2012

Bronze Award