

Eric Li

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Education

Raffles Institution

Jan '16 – Dec '21

8 Distinctions (Straight A's), Singapore-Cambridge GCE A Level: H3 Mathematics, H2 PCME, H1 GP & PW, Y4 HCL SAT: 1600/1600; Year 5 Promotional Examination & Overall Results: AAAA/A

- **Singapore National Teams:** Mathematics (2019-21), Physics (2021)
- **Double Raffles Academy (RA):** Mathematics (2018-21), Physics (2018-21); Received offer for Chemistry (for 2018-19)
- **Chairperson, Computer Science Society** (2020-21): Led the 62-member society (grew membership by 200%)
- Other Activities: Mathematics Core (2019-21); String Ensemble First Violinist (2016-19); PSL Steering Committee (2018-19)

Experience

Founder, TEDxNewton

Sep '21 – Current

- Founded Singapore's TEDx conference on science & technology, led 14-member EXCO & recruited 18 speakers
- Reached 6,000,000+ impressions (views) from people in 150+ countries & all 7 continents across social media

Citizen Science Volunteer

Oct '21 – Current

- 7 preliminary discoveries of new asteroids: P21rGaP, P21tCyk, P21tCyc, P21vkYe, P21vtL7, P21vtLb & P21vtyI - as named & recognised by the International Astronomical Search Collaboration (IASC) in 2022

TEDx Speaker & Co-Founder, TEDxYouth@RafflesInstitution

Feb '22 – Current

- Co-founded TEDx conference for my alma mater; delivered TEDx Talk on cryptocurrency & blockchain

Patents

- **'Quarantine Protective Door'** (检疫防护门): Issued 14/06/2022, Patent CN 202123237953.4
- **'Computer Keyboard Cleaning Device'** (电脑键盘清洁剂): Issued 14/06/2022, Patent CN 202123237952.X

Publications

- LI Eric, "Research on United States Core CPI Forecast Based on Exponential Smoothing and ARIMA Model"
 - Accepted by the International Conference on Business and Policy Studies (CONF-BPS 2023) in Oct 2022
 - Will be published in Applied Economics and Policy Studies (AEPS) (Print ISSN 2731-4006) and Advances in Economics Management and Political Sciences (Print ISSN 2754-1169)

Awards & Honours

- **American Mathematics Competition (AMC) 12A International 2021:** Perfect Score (150/150)
- **Singapore Mathematical Olympiad (SMO):** Gold (2016, 2017, 2018 (twice), 2019, 2020) – Various Top 10 & Top 30
- **American Invitational Mathematics Examination (AIME II) 2021** (Int'l): 12/15 (Worldwide median score: 5/15)
- **Singapore Physics League (SPhL) 2021:** Gold & Ranked #2 out of 300 teams

Certifications

- **Wharton Online:** Entrepreneurship Specialization (Aug 2022)
- **HarvardX:** Professional Certificate in Computer Science for Web Programming (Jul 2022)
- **Blockchain Council:** Certified Blockchain Developer (Jan 2022)

Skills & Interests

Programming: Python, C++, C, HTML, JavaScript, CSS, Django, PHP, React, SQL, Git, R, Solidity

Languages: English (Native Proficiency), Chinese (Native Proficiency)

Other Interests: Investing, Cryptocurrency & Decentralised Finance, Public Speaking, Strategic Leadership

Updated November 2022