

Keane Ng

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16 Barrett Hill Drive, AC#1100 Keefe Campus Center, Amherst College, Amherst, MA 01002-5000

Education

Amherst College, Amherst, MA

Expected Graduation May 2023

Bachelor of Arts in Mathematics

Cumulative Average: A+

- Prospective Additional Majors: Statistics, Economics.
- Relevant Coursework: Abstract Algebra I, Advanced Data Analysis, Game Theory and Applications, Advanced Econometrics, Analytic Number Theory, Theoretical Statistics, Introduction to Scientific Computation I. Independently studied Data Structures and Algorithms.

Raffles Institution, Singapore

Dec 2016

High School Diploma

SAT Score of 1600/1600

Work Experience

Summer Undergraduate Research Fellowship, Amherst, MA

Jun 2020 – Aug 2020

Researcher

- Collaborated on an ongoing project to collate and analyze Wideband Acoustic Immittance data from measurements on human ear canals across multiple studies.
- Developed a web application in R that performs data analysis and visualization on a large, complex dataset while facilitating easy access to raw data for end users.

Milkoracle Pte Ltd., Singapore

Jan 2019 – Jun 2019

Counseling Assistant

- Worked alongside counsellor, helping students navigate the college admissions process.
- Managed revenue and spending accounts of approximately \$50,000.

Singapore Armed Forces, Singapore

Jan 2017 – Nov 2018

Corporal

- Served as an Armor Infanteer and Armored Vehicle Operator in the Singapore Army.

Awards

International Olympiad on Astronomy and Astrophysics

Dec 2016

Bronze Medal

Singapore Physics Olympiad

Nov 2015

Silver Award, Member of National Olympiad Training Team

Singapore Mathematics Olympiad, Senior Section

Jun 2014

Gold Award, Individual 26th Place

Skills and Personal Interests

Languages: English (native) and Chinese (fluent)

Programming: Proficient at Python, Java and R

Personal Interests: Astronomy and Astrophysics, Chess – 2144 peak rating on lichess.org rapid, Texas Hold’Em Poker, Classic English novels. Member of Amherst Quantitative Trading Club, participated in UChicago Midwest Trading Competition 2020.