Contact

tianyi.evans@gmail.com

www.linkedin.com/in/tianyi-evans-gu (LinkedIn)

Top Skills

Product Development

Leadership

Public Speaking

Languages

Mandarin (Limited Working)

Spanish (Limited Working)

English (Native or Bilingual)

Honors-Awards

Champion—MathWorks Math Modeling (M3) Challenge

Grand Prize—MIT Blueprint Hackathon (Advanced Track)

Regional Finalist—Top 15 Coding Team in NA and EUR

Top 300 Broadcom MASTERS

Caroline D. Bradley '25 Scholar

Publications

Neural Network Compression and Empirical Verification of the Winning Lottery Hypothesis

GPT3.5 Syntactic structure with temperature variation using graph and parse-tree similarity

Tianyi Evans Gu

Student @ Phillips Academy Andover
Greater Boston

Summary

I'm a high school senior with a love for computer science, philosophy, linguistics, and sustainability. I am passionate about exploring opportunities to apply my skills to build a more human-centered and sustainable society.

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Experience

MassEnergize
Software Engineer
June 2023 - Present (1 year 3 months)
Concord, Massachusetts, United States

Designed, developed, tested, and deployed a mobile app version of the MassEnergize Community Portal.

Conducted thorough research and analysis to understand user requirements and design an intuitive and user-friendly mobile app interface.

Utilized React Native for cross-platform mobile app development, ensuring compatibility with both iOS and Android devices.

Integrated with the existing backend infrastructure, utilizing APIs and ensuring seamless data synchronization between the mobile app and web platform.

The Phillipian
2 years

Managing Editor
January 2024 - Present (8 months)
Andover, Massachusetts, United States

News Associate Editor
June 2023 - January 2024 (8 months)
Andover, Massachusetts, United States

News Writer

September 2022 - May 2023 (9 months)
Andover, Massachusetts, United States

Wolfram
1 year

Host of the Wolfram Student Podcast
June 2024 - Present (3 months)

https://youtube.com/playlist?list=PLxn-kpJHbPx08CzJeEJsVtv_Igzga4wv6&si=3_aLjyfu-Oy1nSKQ

Wolfram Student Ambassador
September 2023 - Present (1 year)

Wolfram High School Summer Research Program
1 year 2 months

Teaching Assistant
June 2024 - July 2024 (2 months)

I completed a four-part training on effective teaching, classroom management curriculum design, and leading social activities. During the program I assisted students on their projects and organized social activities for ~60 students. I participated in staff meetings with directors and mentors to plan field trips and reflect on students' performance.

Wolfram Emerging Leaders Program Researcher
September 2023 - May 2024 (9 months)

Completed a group project entitled "Neural Network Compression and Empirical Verification of the Winning Lottery Hypothesis" which culminated in a published computational essay. We implemented methods including pruning and quantization and investigated their impact on machine learning models. We were mentored by Dr Arben Kalziqi while working on project

Summer Researcher
June 2023 - August 2023 (3 months)
Boston, Massachusetts, United States

I completed a project entitled "GPT3.5 Syntactic structure with temperature variation using graph and parse-tree similarity", which culminated in a published computational essay. I analyzed how the temperature parameter influenced the type of text generated, utilizing quantitative ways of measuring grammar similarity applied to human and ai-generated text. I was supervised by Stephen Wolfram and mentored by CJ Applebaum while working on project.

Build A Robot K12
Teaching and Research Assistant
May 2018 - August 2022 (4 years 4 months)
Superior, Colorado, United States

Assisted in teaching and mentoring K-8 students in robotics & programming classes virtually & in person.

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Education

Phillips Academy
· (September 2021 - June 2025)

Summit Middle Charter School
· (August 2017 - May 2021)