

Eric Huang

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Education

- **University of Oxford, United Kingdom** 2023-2026
 - BA Mathematics and Computer Science
 - Activities: Odyssey Fellowship (co-host), AI Research Oxford (organizer), Soul of America Project (co-host), Oxford Entrepreneurs (committee), Taiwanese Student Society (committee), LMH Ultimate (captain), Orchard, Debate Society, Oxford Ultimate Frisbee.
- **International Bilingual School at Hsinchu Science Park (IBSH), Taiwan** 2021-2023
 - President of Math Club
 - Asia Pacific Math Olympiad (APMO) qualifier
 - Taiwanese Math Olympiad (TMO) qualifier
 - Taiwan Economics Olympiad (TEO) Finalist
- **Stuyvesant High School, New York, USA** 2019-2021
 - New York City Math Team
 - AIME qualifier x3

Experience

- **Researcher, Morph Labs** July 2025 -
 - Worked with Christian Szegedy on the Trinity system--a large-scale autoformalization framework for research-level math that formalized a bound on abc conjecture exceptional sets.
 - Help build and became solely responsible for internal distributed RL system.
- **Software Developer Intern, Ariya Finergy Ltd.** July 2024 - September 2024
 - Created an app to help size solar and battery models accurately for business development team.
 - Developed performance analytics tool for maintenance team, catching underperforming devices.
 - Improved controller communication speeds by 5x, from 25s runtime to 5s.
- **Machine Learning Intern, Ubiik Inc.** August 2023 - September 2023
 - Created a data-processing pipeline to clean and sort dataset
 - Trained robust OCR models using Tensorflow to read electric meters
 - Integrated prototype app with parent app to create a seamless user experience.
- **Android App Developer Intern, Ubiik Inc.** June 2022 - September 2022
 - Created a prototype Android App automating the process of reading analog electricity meters
 - Reduced the time required by a factor of 10 while increasing accuracy to 98%

Skills and Languages

- Python
- Haskell
- Lean
- English - Bilingual Proficiency
- Chinese - Bilingual Proficiency
- Hokkien - Limited working proficiency