

ENERELT DELGERDALAI

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EDUCATION

Massachusetts Institute of Technology (MIT)

B.S. in Computer Science and Engineering

Cambridge, MA

Expected May 2028

Sant High School

High School Diploma | GPA: 4.0/4.0

Ulaanbaatar, Mongolia

May 2024

Current Coursework: Advanced Algorithms, Linear Algebra, Programming in Python, Physics

SKILLS

Technical: C++, Python

Languages: Mongolian (*native*), Mandarin (*beginner*)

ACHIEVEMENTS

International Mathematical Olympiad (IMO)

- Gold Medalist (2024, 2023)
- Bronze Medalist (2022, 2021)

International Informatics Olympiad (IOI)

- Bronze Medalist (2023)

Codeforces Rating: 2107 (Dec 2022)

PROJECTS

“Traveling Tastes” research project

Sep 2024 - Present

- Develop new methods to measure the localness of individual food delivery orders
- Run the tree-based ML regression models to assess how various factors influence the localness of the food deliveries
- Offers insights and policy suggestions to encourage people to order food from more local restaurants, promoting more sustainable and carbon-efficient food delivery

Interactive checker program for robot tank-building game competition (Developed in C++)

2024

- Conducted research on checker code algorithms, ensuring optimal performance in the competition environment
- Developed and implemented the program for evaluating interactive algorithms submitted by competing teams
- Simulated game environments to test and identify errors in algorithms
- Communicated results to the frontend, providing accurate information to demonstrate the game
- Integrated components implemented by teammates into the final unified version of the checker

LEADERSHIP

Sant High School Math Club

2021 – 2024

- Actively participated in the Math Club for 4+ years, contributing to various team activities and competitions
- Provided peer tutoring for 2+ years, helping students improve their understanding of complex mathematical concepts