Audrey Lansing Lin

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Education

UNIVERSITY OF MICHIGAN – ANN ARBOR

- Intend to study Computer Science and graduate with Bachelor of Science Engineering (Computer Science) degree in 3 to 4 years of time.
- **Course Highlights:** Programming and Data Structures, Discrete Math, Statistics and Data Analysis, Calculus 3, Linear Algebra and Differential Equations, General Physics

OLIVE TREE INTERNATIONAL ACADEMY, BEIJING FOREIGN STUDIES UNIVERISTY

- Achieved a GPA of 4.21 / 4, unweighted.

Leadership Experience

Second Prize in Global Future Space Scholars Meet
Team Leader and Section Speaker *Jan. 2021 - Oct. 2022*

- Coordinated and helped founded a team of 12 to the final round. Mediated the Human section to reach a consensus on the structure of the "recreation zone" and designed "space entertaining activities" partnered with 4 groupmates; Addressed the Human panel in front of the Aerospace and Aviation industry's authoritative experts.
- Achieved second Prize in the final round in 2021's Global Future Space Scholars Meet held by International Teenager Competition and Communication Center in Chengdu, China. 48-hour limited team competition to design space-science themed for teens around the world.

X Academy Summer Summit
Team Leader *July 2021*

- Learned Data Visualization and Machine Learning from University professors and collaborated with 500+ students worldwide to realize innovative projects in a 12-day summit. Led a team of four to design and build software to generate music animation, which won second place in the Software track in the 24-hour Capstone project, with 20+ teams eligible.

Research Experience

Undergraduate Research Opportunity Program
Sep. 2023 – Apr. 2024

- Worked under Dr. Omar Ahmed to research on how the changes in the pupil size of mice in classical conditioning experiments reflect on their physical activities and thereby to study their neural / brain activities, mainly applied Deep Lab Cut,

Matlab, and skills regarding statistical analysis.

Columbia University Immersion Program
Aug. 2022

- Learned to analyze real-life banking statistics using Machine Learning, such as predicting the chances of customers paying off their loans, and presented the procedure and results with coding segments and PowerPoint cooperated with four peers living in different time zones in the globe.

1st & 2nd Prizes in School's Annual STEM Fair Research Project
June 2020 - June 2023

- Prepared for more than 1 month, finally presented my findings on the exhibiting boards, and delivered speeches for demonstration and introduction; Each year, mentored 3 younger peers for their projects by offering thesis comments and suggestions and progress tracking in planned checking points.
- Awarded first and second Prizes in different years. There are 10 places for the First Prize each year, given 240+ students eligible in total. Assessed based on research (experimental and thesis) and demonstration (exhibit board design and presentation) to the school and outside visitors.