ADEN CHEN

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EDUCATION

The University of Chicago <div align="right">Chicago, IL</div>
Bachelor of Arts in Economics and Mathematics <div align="right">Expected, June 2027</div>
Coursework: Honors Calculus, Multiscale Modeling of Biological Systems, Approaches to Digital Humanities Using Python, Introduction to Data Science

RESEARCH

Nationalism Sentiment during Covid-19 in China <div align="right">Fujian, China</div>
Research Assistant <div align="right">February 2023–March 2023</div>
- Utilized Python to scrape blogs posted on Weibo from 2018 to 2022, focusing on topics related to the US, to gather data for sentiment analysis.

Gender Difference in Psychology *pdf* <div align="right">Fujian, China</div>
Researcher <div align="right">May 2022–June 2022</div>
- Investigated the gender differences in personality and career preferences.
- Paper discussing both biological and social factors and the gender equality paradox won commendation in the John Locke Institute Global Essay Competition.

How Perceptions of Intelligence Influence Education *pdf* <div align="right">Fujian, China</div>
Researcher <div align="right">February 2022–March 2022</div>
- Wrote a research paper on the interplay between students' implicit theory of intelligence and stereotype threats, classroom interventions that promote a harmful fixed mindset, and possible interventions to promote a growth mindset.

PROGRAMMING PROJECTS

ESL Learning Website *GitHub* <div align="right">Fujian, China</div>
Developer <div align="right">September 2021–June 2023</div>
- Developed a Django-based website for interactive learning, integrating auto-generated quizzes for word comprehension.
- Recognized as a finalist in the Rise Global Challenge by Schmidt Futures and the Rhodes Trust.

Online APA7 In-Text Citation Checker *GitHub* <div align="right">Fujian, China</div>
Developer <div align="right">June 2022–August 2022</div>
- Designed and developed a webpage utilizing JavaScript and RegEx to check the format of APA7-styled in-text citations.

2048 Solver *GitHub* <div align="right">Fujian, China</div>
Developer <div align="right">January 2021</div>
- Wrote a program in C++ that plays the game 2048 using Minimax algorithm. Set parameters with genetic algorithm.

LEADERSHIP & ACTIVITIES

Recognized Student Organization: Oeconomica <div align="right">Chicago, IL</div>
Member <div align="right">October 2023–Present</div>
- Attend weekly lectures and faculty talks, learning causal inference, linear regression, R, LaTeX, and acquiring insights into the latest faculty research.

International Collegiate Programming Contest (ICPC) <div align="right">Chicago, IL</div>
Member <div align="right">October 2023–Present</div>
- Actively participate in weekly training sessions for ICPC.

Popular Science Articles <div align="right">Fujian, China</div>
Organizer & Creator <div align="right">January 2023–Present</div>
- Coordinated team of 15+ writers, researchers, and editors in the creation of content for a popular science blog.
- Wrote several articles on behavioral economics, covering topics on expected utility theory and prospect theory, loss aversion and risk aversion, status quo bias, economic games, social preferences and altruism, and competitiveness. Created animations (*GitHub*) using Python and Manim.

SKILLS

Programming Languages: Python, C/C++, R, JavaScript, HTML/CSS, and LaTeX.