

ADEN CHEN

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EDUCATION

The University of Chicago

Bachelor of Arts in Economics and Mathematics

Coursework: Honors Calculus, Multiscale Modeling of Biological Systems, Approaches to Digital Humanities Using Python, Introduction to Data Science

Chicago, IL

Expected, June 2027

RESEARCH

Nationalism Sentiment during Covid-19 in China

Research Assistant

Fujian, China

February 2023–March 2023

- 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](#)

Researcher

Fujian, China

May 2022–June 2022

- 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](#)

Researcher

Fujian, China

February 2022–March 2022

- 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](#)

Developer

Fujian, China

September 2021–June 2023

- 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](#)

Developer

Fujian, China

June 2022–August 2022

- Designed and developed a webpage utilizing JavaScript and RegEx to check the format of APA7-styled in-text citations.

2048 Solver [GitHub](#)

Developer

Fujian, China

January 2021

- Wrote a program in C++ that plays the game 2048 using Minimax algorithm. Set parameters with genetic algorithm.

LEADERSHIP & ACTIVITIES

Recognized Student Organization: Oeconomica

Member

Chicago, IL

October 2023–Present

- 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)

Member

Chicago, IL

October 2023–Present

- Actively participate in weekly training sessions for ICPC.

Popular Science Articles

Organizer & Creator

Fujian, China

January 2023–Present

- Coordinated team of 15+ writers, researchers, and editors in the creation of content for a popular science blog.
- Wrote several articles on behavioral economics, touching on topics including 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 .