

Jonathan Gu

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EDUCATION

Carnegie Mellon University Pittsburgh, PA

B.S. Information Systems - Software Engineering Minor

May 2027

Relevant Coursework:

- Data Structures and Algorithms, Fundamentals of Computer Science
- Concepts of Mathematics, Calculus II

GPA: 3.57/4.00

NCAA Athletics

Carnegie Mellon Varsity Tennis

Aug 2023-Present

- Achieved a high level of discipline and time management by successfully balancing a rigorous course load and a 20-hour per week athletic commitment

PROJECTS

Wheel of Fortune

15-122 Final Project

- Wrote a python program that simulates the popular game show Wheel of Fortune
- Uses an AI opponent that uses both markov chains and frequency counting to choose what letter to pick.
- Reads and stores large text files to calibrate the computer player

WORK EXPERIENCE

Building Bridges Tutoring Program, Volunteer Tutor

Oct 2020 - June 2021

Tutored Middle School students after school in Math, English, Science, Mandarin Chinese, and Computer Science.

Princeton Tennis Program, Assistant Coach

July 2022 - August 2023

- Assisted in instructing classes of ~20 students under the age of 10 in tennis lessons.
- Curated dozens of individual and group drills to encourage physical activity and sportsmanship.
- Consulted with the Head Coaches and provided personalized strategic technical training to every student.

AWARDS

National Merit Finalist

2023

Outstanding Scholar Athlete

2023

SKILLS

Languages

- Python -Latex
- Java -C

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