

CARL CATE

AC #0603 Keefe Campus Center - Amherst College, Amherst MA 01002
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EDUCATION

AMHERST COLLEGE, Amherst MA

Expected May 2023

Bachelor of Arts in Economics, Asian Languages & Civilizations, and Political Science

- Major GPA: 4.0, Overall GPA: 3.8
- Awarded full scholarship; recipient of Meiklejohn Fellowship for succeeding from a disadvantaged background

CARMEL HIGH SCHOOL, Carmel NY

May 2019

- Valedictorian, GPA: 106.75/100.00 (*Highest GPA in school's history, established in 1906*)
- Developed an interactive recycling program which generated high student involvement, later adopted throughout the entire school district; led a team of 50 students to raise >\$2000 to establish an outdoor learning center

WORK EXPERIENCE

MOTIF FOODWORKS, Boston MA

November 2021 – Present

Supply Chain Analyst

- Built detailed cost analysis model of ~40 raw materials affected by inflation to inform leadership of key pressure points
- Independently sourced 200+ new contract manufacturer resulting in current key partnership for production ramp-up
- Walked supply chain management through fundamental implementations of new demand planning software (NetSuite)

AMHERST COLLEGE, Amherst MA

September 2021 – January 2022

Microeconomics-330 Teaching Assistant, Economics Department

- Led weekly tutoring sessions for ~20 students to relate mathematical models to the rationality of economics

Supervisor, Political Science International Relations Research Department

May 2021 – October 2021

- Synthesized thousands of data points collected from Department of Justice documents across multiple research assistants to ensure data integrity, optimizing formatting for easy modeling and future use
- Recognized in a recently published academic article on civil conflict analysis for data modelling and analysis
- Developed syllabus and content for new course (POSC-216 *International Relations Gone Viral*), crafted and sourced 60% of class materials (course was taught a semester later)

WESTCHESTER COUNTY DISTRICT ATTORNEY'S OFFICE, Westchester County NY

June 2021 – August 2021

Legal Intern

- Transcribed 40+ hours of interrogation footage to assist Assistant District Attorneys in courtroom preparation
- Optimized data transfers and evidence assignments to aid in processing of over 1,000 pieces of evidence
- Worked closely with a director to implement new procedures in upcoming seminars on trial procedure and decorum

AMHERST COLLEGE, Amherst MA

July 2020 – May 2021

Research Assistant, Political Science Department

- Promoted to supervisor of the research department in recognition of performance and ability
- Collaborated with a team of 3 colleagues to create visual models to transform data through R programming, demonstrating causalities in civil conflicts
- Developed how-to guides for R programming to be utilized by novice students in future applications
- Analyzed ~100 articles and papers for significance and relevance to future course material for Amherst professors, wrote literature reviews on articles discussing "the China Model" to aid the current work of Amherst professors

MOUNTAINTOP MARKET, Stormville NY

September 2015 – August 2020

Manager

- Increased revenue by standardizing pricing and implementing new product launches
- Interviewed and trained ~12 new employees, mediated disputes between employees and owners to find common ground and establish workplace decorum and standards

LEADERSHIP EXPERIENCE

Amherst Consulting Club (Training Director, Social Chair), Amherst College

September 2021 – Present

- Train ~30 new students in how to prepare for case interviews, review resumes and applications

Amherst Debate (Club President), Amherst College

September 2021 – Present

- Organize Amherst Debate tournaments, recruit and train underclassmen, ensure budget of >\$10K is funded

SKILLS & CAPABILITIES

- *Language Skills*: Chinese (conversational); Spanish (conversational)
- *Computer Skills*: R Program (intermediate); Stata (intermediate); Excel (intermediate); NetSuite (advanced)
- *Relevant Coursework*: Econometrics, Game Theory, Mechanism Design, Microeconomics, Macroeconomics, Stats