

# Alejandro De La Torre

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## EDUCATION

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### University of Wisconsin–Madison

Expected May 2026

B.A. Economics (Mathematical Emphasis) and Information Science (Analytics)

Certificate in Mathematics

Cumulative GPA: 3.347/4.00

*Relevant Coursework:* Real Analysis, Probability Theory, Causal Inference, Econometrics, Mathematical Statistics, Linear Algebra, Multivariable Calculus

### IES Abroad – Barcelona

Spring 2025

### Howard University

Summer 2024

American Economic Association Summer Program

GPA: 4.00

*Coursework:* Microeconomic Theory, Mathematical Economics, Econometrics I

## RESEARCH EXPERIENCE

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### Research Assistant, Professor Alice Wu

Sep 2025–Present

University of Wisconsin–Madison

- Support ongoing revisions to job market papers on employer learning and the academia–industry race for AI researchers.
- Collect, clean, and link large-scale publication and patent data (>800,000 computer science papers) using Python, REST APIs, and automated web scraping pipelines.
- Construct and validate matched publication–patent datasets, including author–inventor linkages, timing windows, and content-based similarity inputs for downstream modeling.
- Perform exploratory data analysis to assess match quality, coverage, and selection patterns across academia and industry.

### Research Assistant, Professor Yaron Nili

Oct 2022–May 2024

University of Wisconsin Law School

- Compiled and analyzed firm-level datasets on peer group designations for S&P 1500 companies (2005–2022), supporting multiple law review and working paper projects.
- Identified, classified, and coded proxy statement disclosures related to antitrust, ESG, cybersecurity, and director expertise.
- Contributed to research projects including *Specialist Directors* (SSRN), *Peer Group Governance*, and *Shadow Governance*, supporting early-stage data construction and literature review.
- Presented exploratory findings on antitrust-related board expertise at the 2023 UW Undergraduate Research Symposium.

## PROFESSIONAL EXPERIENCE

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### Analysis Group

Washington, DC

Summer Analyst

June 2025–August 2025

- Conducted applied economic research supporting U.S. ITC Section 337 patent litigation.
- Designed and presented an independent research project on competition and pricing dynamics in generic drug markets.
- Analyzed post-merger price effects using Python, R, and Stata with Medicare Part D, Refinitiv, and Bloomberg data.

## ACADEMIC AND PROGRAM EXPERIENCE

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### **UW–Madison Posse Program**

Alumni Relations Intern

Madison, WI

Aug 2024–Present

- Develop and execute automated alumni communication campaigns using Eloqua and SQL-informed segmentation to re-engage 500+ alumni.
- Design cross-platform engagement strategies to strengthen mentorship pipelines, inter-cohort visibility, and alumni–student connections.
- Lead planning and execution of alumni events in collaboration with program leadership, supporting professional development and community-building.

### **Center for Pre-Law and Pre-Health Advising**

Advising Intern

Madison, WI

Feb 2024–Dec 2024

- Served as primary point of contact for students and alumni, scheduling 30+ advising appointments weekly and managing high-volume email and phone inquiries.
- Supported diversity and inclusion initiatives through outreach at campus resource fairs and informational events.
- Contributed to development of a Pre-Law 101 Canvas course expanding access to advising resources for 3,000+ students and alumni.

## TEACHING AND EDUCATIONAL EXPERIENCE

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### **Pomona College Academy for Youth Success (PAYS)**

Teaching Assistant

Claremont, CA

Jun 2023–Aug 2023

- Mentored 18 rising high school juniors, providing academic support and college preparation in an intensive residential program.
- Taught a business elective incorporating applied workshops in professionalism and critical thinking.
- Facilitated academic assessment and feedback in coordination with faculty and program staff.

### **ClubZ! In-Home Tutoring**

Private Tutor

Madison, WI

Jan 2024–Jul 2024

- Delivered one-on-one tutoring to a middle school student in core subjects and a high school freshman in AP Calculus AB, who earned a score of 4 on the exam.
- Emphasized conceptual understanding and pacing over rote problem-solving, supporting long-term retention and student confidence.
- Collaborated with parents, teachers, and ClubZ! staff to align tutoring with classroom expectations and academic goals.
- Integrated classroom feedback and assessment results to tailor lesson plans and monitor academic progress.

## HONORS AND AWARDS

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Posse Foundation Full-Tuition Leadership Scholarship	2022–Present
Hispanic Scholarship Fund Scholar	2023
NIRCA Cross Country National Championships, 2nd Place (Men's Championship)	2023

## SKILLS

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**Programming & Data:** Python, R, Stata, SQL

**Tools:** L<sup>A</sup>T<sub>E</sub>X, Git/GitHub, Bloomberg, Refinitiv, LexisNexis, Tableau

**Languages:** Spanish (Native; State of California bilingual certification), English (Fluent), Catalan (Basic)