

Alejandro De La Torre

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EDUCATION

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: Liberal Arts & Business

Spring 2025

Study abroad program based in Barcelona, Spain

Host institutions: Universitat Ramon Llull (Blanquerna) – Research Techniques and Statistics; Universitat Pompeu Fabra – International Finance, Artificial Intelligence and Machine Learning in Business Management

Howard University

Summer 2024

American Economic Association Summer Program

GPA: 4.00

Coursework: Microeconomic Theory, Mathematical Economics, Econometrics I

RESEARCH EXPERIENCE

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

Analysis Group

Summer Analyst Intern

Washington, DC

June 2025–August 2025

- Supported defense in U.S. ITC Section 337 patent infringement litigation involving solar panel manufacturers; co-developed 40+ exhibits for expert rebuttal report, auditing opposing expert's calculations and identifying methodological flaws, double-counting, and data misclassification.
- Analyzed HR, payroll, and facility expenditure data to evaluate whether the complainant met the domestic industry requirement under Section 337; synthesized findings to challenge claims of substantial U.S. investment and demonstrate limited nexus to U.S. manufacturing activity.
- Conducted data scraping and analysis of 100+ patent litigation cases involving major smartphone manufacturers using LexisNexis, Excel, and Stata; currently designing intern capstone on the evolving role of behavioral economics in antitrust litigation.

Analysis Group

Summer Extern (AEA Summer Program)

Washington, DC

May 2024–July 2024

- Conducted a literature review examining competition in generic drug markets, trends in Medicare spending, historical M&A activity in the generic pharmaceutical industry, and relevant healthcare policy and antitrust legislation to inform research design.
- Designed and presented a case study analyzing the impact of horizontal mergers among U.S. generic pharmaceutical manufacturers on average spending per dosage unit of therapeutically equivalent drugs from 2012–2022.
- Collected, cleaned, and analyzed large-scale datasets using Python, R, and Stata, drawing on Refinitiv, CMS Medicare Part D Spending by Drug, and Bloomberg Terminal data to evaluate post-merger price effects.

ACADEMIC AND PROGRAM EXPERIENCE

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

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

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

Programming & Data: Python, R, Stata, SQL

Tools: L^AT_EX, Git/GitHub, Bloomberg, Refinitiv, LexisNexis, Tableau

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