

**ANDREW (ANDY) BAI**  
(530) 219-6171 | andybai2023@u.northwestern.edu

---

## EDUCATION

### Northwestern University

#### B.A., Economics and B.A., Mathematics, 3.88 GPA

Evanston, IL

December 2023

- *Membership:* Northwestern Prison Education Program, Northwestern Track Club, Northwestern Chess Club
- *Relevant Coursework:* Probability & Stochastic Processes (I-III), Advanced Econometrics, Industrial Organization

### University of Washington, Seattle

#### Intended majors in Economics and Mathematics, 3.84 GPA

Seattle, WA

September 2019 – June 2021

- *Honors:* Annual Dean's List, 2020 & 2021
- *Relevant Coursework:* Data Structures and Algorithms, Intermediate Micro/Macroeconomics, Advanced Linear Algebra

---

## PROFESSIONAL EXPERIENCE

### U.S. Department of Justice, Antitrust Division

San Francisco, CA

July 2024 – now

#### Honors Antitrust Paralegal Specialist

- Recipient of the **Assistant Attorney General Award** for outstanding contributions to the Division's litigation challenging Hewlett-Packard Enterprise's \$14B acquisition of Juniper Networks.
- Supported economic, efficiencies, and industry experts in merger litigation by conducting targeted document reviews, performing economic analyses, drafting memorandums, and editing and proofreading expert reports.
- Served as lead paralegal for investigations into proposed \$400M, \$700M, and \$2.1B AI-software acquisitions, conducting third-party interviews to clarify market dynamics and coordinating cross-team workflows with the lead attorney to meet statutory deadlines.
- Reviewed 10+ proposed Technology and Software M&A transactions with attorneys, analyzing competitive effects, conducting industry research, and drafting recommendation memos that guided the Front Office's decisions to open preliminary investigations..

### West Monroe – Management and technology consulting firm

New York, NY

#### Summer Consultant, High Tech & Software Practice

June 2023 – August 2023

- Crafted a Go-to-market strategy, comprising several business initiatives and KPI metric goals, for Legal Software company and Private Equity partner's transition to a SaaS operating model to drive break-even margins within 18 months.
- Analyzed client's historical sales data to help build a pro-forma Profit & Losses Model with Excel that articulates client's financial gains, such as reduced G&A costs by ~40%, from adopting Go-to-market strategy.
- Interviewed and collaborated with client's teams using Figma to identify critical pain points in the Customer Lifecycle; leveraged findings to recommend a multidisciplinary approach to enhance Customer Lifecycle Management.
- Conducted a market assessment for the Generative Artificial Intelligence (GenAI) market; presented to Practice Partners the financial and competitive landscape of the GenAI market and potential GenAI application opportunities for clients.

### Compass Lexecon – Global economic consulting firm

Boston, MA

#### Summer Analyst, Competition and Antitrust Practice

June 2022 – August 2022

- Researched equity analyst reports and other market databases on the industrial sand and precious metal industries; drafted a report that identified industry trends and evaluated the monopolistic behavior in these two markets.
- Analyzed weekly changes in market share and consumer spending for the online role-playing game (RPG) industry with Stata and Excel; presented to management the conclusion that the RPG industry was an oligopoly.
- Presented analysis to expert and Executive VP to support antitrust merger case regarding two multimedia conglomerates; calculated constrained maximization problems and the TV consumption breakdown and other metrics by age group.

---

## PROJECT EXPERIENCE

### Network Flow Problems

Spring 2023

- Conducted extensive research on optimization algorithms, specifically focusing on the minimum cost network flow problem, resulting in a comprehensive term paper
- Communicated research findings and algorithm recommendations to the class, showcasing strong presentation skills and the ability to convey complex concepts in a clear and concise manner
- Implemented optimization algorithms using Python, demonstrating their practicality and efficiency with test cases

---

## ADDITIONAL

- *Languages:* Mandarin (conversational)
- *Software:* Java, Python, Stata, LaTeX, Microsoft Office (Excel, Word, PowerPoint)
- *Interests:* Long distance runner (goal is Boston Marathon), self-learning new subject matters (learning Networks right now), cooking (favorite is Pasta alla Gricia), basketball (Kings fan)