Abhi Wadhwa

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Education

University of Southern California — May 2027

B.A. Applied Mathematics, **Minor in Finance**, **M.A. in Applied Mathematics** — **3.8/4.0 GPA**

Relevant Coursework: Calculus 3, DiffEQs (Partial + Ordinary), Analysis (Real + Complex), Abstract Linear Algebra
Abstract Algebra, Probability Theory, Graduate Probability (Markov Chains, Martingales, Stochastics), Optimization, Measure

Work Experience

TPG NewQuest: Iron Pillar Fund — **June 2025 - August 2025**
Growth Equity Intern — *Dubai, UAE + Palo Alto, CA*

- Incoming; $500MM AUM, fund focused on deal sourcing and portfolio strategy

The World Bank — **Oct. 2024 - Feb. 2025**
Modeling and Data Engineering Intern — *Los Angeles, CA*

- Engineered R scripts to clean and standardize 30k+ data points spanning 20 years of yields for data analysis
- Developed model to align disjointed datasets from 150 districts with varying boundaries improving accuracy
- Constructed ETL pipelines for additional warehousing on data for deeper drawn insights from additional think-tank data

RBC Capital Markets — **Sept. 2024 - Feb. 2025**
Banking Apprentice — *New York City, NY*

- Conducted Valuation Analyses; pitched long/short position on NVDA/TSLA (Beat Beta estimate by 4% alpha)
- Scored highest in cohort of 40 on time-intensive operating model competition under guidance from M&A
- Developed understandings of strategic M&A synergies for pitching, pitching acquisition of RH in simulation

USC Marshall School of Business — **Aug. 2024 - Oct. 2024**
Research Assistant — *Los Angeles, CA*

- Standardized data from 120 districts, conducting modelling to propensity score based on poverty metrics
- Engineered a data processing pipeline using Python that automated data validation, imputation, and normalization for 200k+ points

UC Berkeley, Haas School of Business — **Aug. 2021 - Feb. 2022**
Research Assistant — *Berkeley, CA*

- Cleaned and standardized data from 200+ counties across 6 states using OpenRefine, optimizing for data analysis

Projects & Activities

Trojan Debate Society

- USC's #5 debater chosen as freshman to compete. Placed Top 10 Team/Speakers for division at all tournaments
- Researched and wrote matter files on Economics, Political Science, Finance, and lectured 200+ pages of arguments and data to new members for preparation for tournaments

USC Directed Reading Program

- *Measure Theory and Fine Properties of Functions* by Evans. Applied to deriving proofs for Stochastic Drift in Black-Scholes-Merton model for option pricing strategies

Financial Budgeting Tool

- Coded in Dart, created financial planning tool for low-income workers, focused on milestone expenses and discounting future costs of retirement annuities to identify monthly saving requirement

Awards and Recognition

USA Mathematical Olympiad + 2x AIME

- Qualified for AIME 2x based on AMC (Top 3,000/300,000), crossed USAMO threshold 1x (Top 300)

British Mathematical Olympiad Bronze + 2x BMO Honors

- Qualified for British Maths Olympiad R1 2x based on UKMT (Top 1,000/700,000) + 1x Distinction (Top 250)

British Parliamentary Debate Awards

- 5th Novice in North America (NAUDC), 2nd Novice at Hart House, 7th Open at Berkeley, 3rd Novice at USC

Other Awards

- Johns Hopkins University' Center for Talented Youth Julian C. Stanley Study of Exceptional Talent, Dean's Merit Scholarship ($65k), Dean's List (All Semesters), Team UAE Debate Squad (Development Team)