ADARSH AGRAWAL

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EDUCATION

University of Southern California: Applied & Computational Math, B.A. August 2023 – May 2027

- Minor in Digital Forensics, Specialization in Cybersecurity Overall GPA: 3.73
- USC Presidential Scholarship & Annenberg Debate Scholarship (~$230K total merit aid)

Teaching Assistant: Digital Forensics and Cybersecurity Investigations: Undergraduate (TAC 375) & Graduate (DSCI 528)

Relevant Coursework: Math of ML (MATH 447), Advanced Digital Forensics (TAC 475), Defending Enterprise Networks (TAC 458), Malware Reverse Engineering (TAC 443), Advanced Legal Writing (WRIT 440), Entrepreneurship Law (LAW 350)

EXPERIENCE

Alvarez & Marsal
Summer Intern (Corporate/Industrial Strategy) June 2026-August 2026

- Built a data analytics platform (Python, React, CSS) enabling mid-level staff at Fortune 50 client to use previously inaccessible business data; successful in multi-region pilot and undergoing national rollout; projected annual impact >$5M
- Automated multi-step financial reporting and maintained several project-wide data ingestion and processing workflows, saving managers 10+ hrs/wk; prototyped integration of local models into data-processing stack
- Presented project updates directly to partners, built client-facing decks, and prioritized and implemented competing feature requests across internal and external project leaders for software development; resulted in week+ acceleration of schedule

Break / Vanguard Debate
Lead Debate Coach May 2024-June 2026

- Deconstructed advanced legal and communication concepts for 40+ MS/HS students by dynamically adjusting lessons to audience background & proficiency, coaching students to 10+ tournament wins and national top 5 rankings
- Designated as primary coach on judge/audience adaptation, strategy, and spontaneous argument generation for 6+ students

Debater Hub
Machine Learning + Growth Intern June 2025-August 2025

- Developed and tested teaching models replicating policy and Lincoln-Douglas debate for a personalized-instruction product piloted with 20 schools
- Researched and evaluated model decoding settings such as min-p sampling and temperature

Piping Technology and Products
Software Engineering + Finance Intern June 2024-August 2024

- Recovered ~$858K by identifying invoice failure patterns and automating invoice verification across the company's 6 service lines (Python, ASP.NET, QuickBooks, Excel); sole developer on logic and implementation
- Led company-wide, multi-year automated invoicing audit and supported long-term process fixes; assisted in overhaul of company's billing workflow after discovery of 5% error rate in customer invoicing

EXTRACURRICULARS

USC Trojan Debate Squad, Executive Officer August 2023-Present

- Led team of 15 to conduct in-depth policy research, including carbon taxation, labor law, nuclear policy, and U.S. Arms Sales; resulted in personal qualification to the National Debate Tournament (NDT), reserved for top ~150 debaters in the country
- Built uscdebate.com with Next.JS/React/Tailwind to modernize team presence; optimized SEO leading to top result in Google Search for “USC Debate”

BetterTasks + Other Projects August 2023-Present

- Built out multiple applets to automate/better organize task and calendar management with 10+ users
- Most recent: BetterTasks, a Google Tasks wrapper with smarter categorization, natural language processing, and task layering

SKILLS & INTERESTS

- Technical: Python, SQL, C++, React, TypeScript, CSS (Tailwind), Visual Basic, Excel Automation, MS Office
- Languages: English (Native), Hindi (Conversational)
- Personal: Dragonboat Racing, Outrigger Canoeing, Running, Nature Photography, Hiking, Strength Training