

Avinash Iyer

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ABOUT ME	Collaborative, academically adept undergraduate interested in applying interdisciplinary knowledge to solve technical problems.	
EDUCATION	<i>Bachelor of Arts</i> in Mathematics & Economics GPA: 3.93 Occidental College, Los Angeles, CA Dean's List: Fall 2021–Fall 2023 President's Scholarship: Fall 2021–Present	May 2025 (Expected)
RELEVANT CLASSES	Mathematics: Linear Algebra, Abstract Algebra, Topology, Graph Theory, Real Analysis, Metric Spaces and Measure Theory, Galois Theory, Mathematical Statistics Economics: Intermediate Microeconomics, Intermediate Macroeconomics, Game Theory, Public Economics, Economics of Education	
EXPERIENCE	Section Editor <i>The Occidental</i>	September 2023–Present
	<ul style="list-style-type: none">• Worked with senior team, co-editors, and writers to ensure high-quality opinion articles.• Maintained demanding weekly schedule.• Ensured all articles were harmonized with AP Style.	
	Staff Writer <i>The Occidental</i>	January 2022–Present
	<ul style="list-style-type: none">• Authored over 20 articles, including reported stories and opinions.• Interviewed at least 3 sources per reported story, met demanding weekly schedule.• Worked with editors to ensure high-quality story.	
	Data Analytics Intern <i>Onto Innovation, Milpitas, CA</i>	May 2023–August 2023
	<ul style="list-style-type: none">• Worked on process development within Metrology Business Unit.• Improved Power Automate workflows for process improvements across 3 product families.	

- Integrated data sources from manufacturing plans and floor information to create Power BI reports that provided at-a-glance understanding of state of manufacturing.

Grader September 2022–May 2023
Mathematics and Economics Departments, Occidental College

- Provided extensive feedback for student assignments in Intermediate Microeconomics and Calculus I.
- Maintained standards and deadlines alongside demanding class schedule and work for the newspaper.

SPECIALIZED
SKILLS

Languages: Proficient in \LaTeX , working knowledge in Python
Enterprise Software: Microsoft Office and Microsoft Power Platform
Visual Thinking
Mathematics and Computation

PROJECTS

Power BI Full Floor Dashboard: project during internship at Onto Innovation, using Power Queries to harmonize different tool families' information, and used Synoptic Panel to visualize data.

Personal Website: used GitHub Pages and Jekyll to create a website for a portfolio in college.

Advent of Code honed problem-solving skills and Python.

Public Economics Policy Papers: analyzed the expected effects of zoning reform in the first paper and tax reform that treated owner-occupied housing as equivalent to other forms of capital in the second paper. Drew on academic research and implementations to develop analysis.