

**Phone:** (408) 203-8125  
**Website:** [blog.avinashiyer.xyz](http://blog.avinashiyer.xyz)

EDUCATION	<i>Bachelor of Arts</i> in Mathematics & Economics	May 2025 (Expected)
	GPA: 3.93	
	Occidental College, Los Angeles, CA	
	Dean's List: Fall 2021–Fall 2023	
	President's Scholarship: Fall 2021–Present	

EXPERIENCE	<p>Section Editor  <i>The Occidental</i></p> <ul style="list-style-type: none"> <li>• Worked with senior team, co-editors, and writers to ensure high-quality opinion articles.</li> <li>• Maintained demanding weekly schedule.</li> <li>• Ensured all articles were harmonized with AP Style.</li> </ul>	September 2023–Present
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Staff Writer January 2022–Present

*The Occidental*

- 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 May 2023–August 2023  
*Onto Innovation, Milpitas, CA*

- 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  $\text{\LaTeX}$ , working knowledge and SQL, have used Java, C++, Python, and R  
*Enterprise Software:* Microsoft Office and Microsoft Power Platform  
*Visual Thinking*  
*Mathematics and Computation*

#### PROJECTS AND PAPERS

*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.