

ABOUT ME Collaborative, academically adept undergraduate interested in applying interdisciplinary knowledge to solve technical problems.

RELEVANT CLASSES	<p>Mathematics: Linear Algebra, Abstract Algebra, Topology, Graph Theory, Real Analysis, Real Analysis II (Metric Spaces and Measure Theory), Galois Theory, Mathematical Statistics</p> <p>Economics: Intermediate Microeconomics, Intermediate Macroeconomics, Game Theory, Public Economics, Economics of Education</p>
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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 \LaTeX , working knowledge in 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 in 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.