

Derek Huang

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Instructional Lead in Secondary Education

Educational Leadership M.A. | San Diego State University, 2025-2026

Computer Science B.A. | University of California Berkeley, 2016 - 2020

Professional Experience

Fresno Unified (60,000+ students) - Fresno, CA

Instructional Lead

June 2023 - Present

- Led a team of teachers to design and implement educational programs and instructional practices, aligning with stakeholder goals, leading to improvement in learning outcomes measured by a reduction of fail rate by 24%
- Utilized data-driven continuous improvement practices to monitor project progress, track success metrics, and adjust strategies to meet evolving educational needs and goals.
- Collaborated with administration and staff to set clear objectives, create actionable roadmaps for student success, and increase buy-in by training and facilitating communication across stakeholders for a cohesive plan

Fresno Unified - Fresno, CA

Secondary Math and Advanced Placement Educator

June 2021 - Present

- Ensured a 90% success rate by designing and implementing instructional plans and curriculum tailored to student needs including setting clear learning objectives, timelines, and measurable outcomes.
- Analyzed student performance data to inform outcomes, adjust instruction, and drive academic growth, reflecting a data-driven approach that ensures continuous improvement and measurable success.
- Increased stakeholder (students, parents, and administration) engagement by communicating progress, gathering feedback, and adjusting instructional practices.

Projects

Praxly

November 2024 - Present

- Designed and led development of Praxly, a PK-12 continuous-improvement platform that streamlines PLCs, strengthens instructional practice, and enables teams to run effective PDSA cycles aligned to schoolwide goals.
- Drove data-informed decision-making by building tools for real-time dashboards, evidence collection, strategy tracking, and team reflection, supporting stronger MTSS systems, equity-focused inquiry, and measurable improvements in student outcomes.
- Piloting the platform with principals, teachers, and district partners, facilitating discovery interviews, coaching cycles, and improvement planning sessions to understand school needs, reduce educator workload, and enhance instructional coherence across teams.

Probabilistic Mapped Priority Standards

June 2023 - July 2023

- Integrated a standards coherence map with a probabilistic model to identify and prioritize foundational high school math standards backward mapped from the SBAC State Assessment blueprint and content specifications.
- Developed a probabilistic model using Google Sheets with Google Apps Script, streamlining the analysis and improving efficiency in determining priority standards.

Response to Intervention System

August 2023 - June 2024

- Led the design and deployment of a detailed process flowchart which streamlined documentation and intervention procedures, leading to increased documentation by 77%, a reduction in suspension rates by 50%, and improved stakeholder alignment.
- Provided training and professional learning on the use and implementation of the process flowchart and intervention procedures leading to quick adoption.