

Kai P. Jensen

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Education

Montana State University - Masters of Science, Mathematics	May 2018
University of Idaho - Bachelors of Science, Secondary Education	May 2012
University of Idaho - Bachelors of Science, Mathematics	May 2011

Professional Experience

Yakima School District, Yakima, WA

Emergency Substitute Teacher 2022–Present

Supervised students in the classroom. Managed lesson plans and behavior to encourage student engagement.

Peak Potential Academy, Bozeman, MT

Mathematics Curriculum Director 2021–2022

Developed mathematics curriculum aligned to the Common Core State Standards for 5th, 6th, and 8th grade classes. Instructed students from these age groups in the fundamentals of multiplication, exponents, and algebra.

Montana State University, Bozeman, MT

Instructor of Mathematics 2015–2020

Graduate Teaching Assistant (2015-2018), Non-Tenure Track Professor (2018-2020). Instructed undergraduate courses in Contemporary Math, College Algebra, Pre-Calculus, Calculus for Technology I, Calculus for Technology II, Calculus I, Calculus II, and Calculus III. Tutored in the Mathematics Learning Center and led large cross section review sessions for Calculus I.

Kellogg Joint School District, Kellogg, ID

High School Mathematics Instructor/Assistant Football Coach 2012–2015

Instructed high school students in Algebra I, Algebra II, Geometry, and Applied Mathematics. Developed curriculum and assessments to align with state standards. Facilitated professional development on Google Drive fundamentals for Kellogg School District educators.

Academic Projects

Google Professional Certification

Data Analytics July 2022

Developed understanding of practices and processes used in data cleaning, analysis, and visualization. Explored real-world scenarios to gain experience in critical thinking, data ethics, data presentation, and the data life cycle. Completed capstone data analysis project.

Montana State University

Rocky Mountain Data Science Club, Member (2018-2019), Co-Director (2019-2020) 2018–2020

Developed and Implemented programming workshops relating to the following topics.

Washington State University, Pullman, WA - University of Idaho, Moscow, ID

Making Math Reasoning Explicit (MMRE) NSF grant project 2013–2015

Cooperated to create professional development curriculum designed to deepen fellow teachers' knowledge of mathematics concepts and effective educational strategies. Led professional development curriculum for the Mathematics educators at Kellogg High School.

Technical Skills

- MATLAB, Python, R, SQL	- LaTeX, Microsoft Office, Google Sheets, Tableau
- Pandas, NumPy, SciPy, Matplotlib	- BigQuery, Keras, Sk-learn, PyMC3

Awards and Honors

Outstanding Graduate Teaching Assistant: 2018

University of Idaho Dean's List: 2010–2012