

KIRKWOOD P. DONAVIN – EDUCATOR

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SUMMARY

Former data scientist with 8 years of industry experience looking to switch careers into education. Classroom and tutoring experience spanning K–12 and college levels. Comfortable teaching Integrated Math 1 through AP Calculus. Skilled at executing curriculum plans, creating engaging lesson materials, and communicating effectively with students, parents, and colleagues.

EXPERIENCE

Mechanics Instructor — The Bicycle Collective — Salt Lake City, UT — May 2025 – Present

Instructor for the Bicycle Collective's community education program. Involved in course planning, as well as instruction or aiding co-instructors. **Courses Offered:** Drivetrains, Brakes (rim & rotor), Bearing Systems, Tubeless Tires, Wheels, Suspension Systems

Track Coach, RRCA Level I — SLC Track Club — Salt Lake City, UT — Feb 2022 – Present

- **Coaching** adult athletes through a pre-planned weekly workout and collaborating with the SLCTC coaching team
- **Workouts** vary from speed intervals, fartleks, tempo runs, and hill repeats.
- **Mentor Athletes** on training plans, pre-race ritual, form, recovery, and injury prevention

Grad. Teaching & Research Asst. — Montana State U. — Bozeman, MT — Aug 2013 – May 2015

Assistant to MSU faculty in Agricultural Finance, Agricultural Marketing, and Development Economics. Supported teaching and research duties including grading, assignment design, literature collection, and data gathering.

- **Grading** 400+ essays and homework assignments across undergraduate courses
- **Course Material Design:** Designed 2 assignments for a Development Economics course
- **Literature Review:** Collected and organized 40+ journal articles on statistics education and pedagogy
- **Data Collection:** Gathered raw price data from over 15 Montana grain elevators for related research projects

Math Instructor — Mathnasium — Salt Lake City — Feb 2013 – Jul 2013

Tutored small groups (2–5 students) ages 6–18 using individualized Mathnasium curriculum as an extracurricular supplement to regular mathematics instruction.

- **Lesson Execution** using Mathnasium curriculum aligned to each student's learning plan and tracked progress
- **Dynamic 1-1 Instruction** for a range of abilities and ages
- **Parent Communication** weekly updates on student progress and areas for improvement

Freelance Private Tutor — Self-Employed — Salt Lake City — Jan 2013 – Jul 2013

Provided one-on-one and small-group tutoring in Calculus, Algebra, and GRE quantitative preparation for students at the high-school and college levels.

- **Lesson Planning:** to target student weaknesses in specific math topics
- **Standardized Exams:** Prepared students for standardized exams with focused quantitative strategies

Math Tutor — Westminster College — Salt Lake City — Jan 2012 – Dec 2012

Tutored groups of 1–3 college students in College Algebra, Statistics, and Single-Variable Calculus; assisted with homework, exam preparation, and conceptual understanding.

EDUCATION

Course Highlights: Single/Multivar Calc, Discrete Math, Linear Algebra, Math Stats, Prob Theory, Real Analysis, Mathematical Econ

M.S. of Applied Economics – May 2015 – Montana State University – Bozeman, MT

Thesis: [The Welfare Impacts of Engineers Without Borders in Western Kenya](#)

B.A of International Relations – May 2011 – Cornell College – Mount Vernon, IA