

Noah Prentice

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EDUCATION

Oregon State University, Corvallis, OR M.S., June 2025

Graduate coursework: Real Analysis I-II, Complex Analysis, PDE I-II, Probability Theory, Abstract Linear Algebra, Abstract Algebra I, Topology I-II, Numerical Linear Algebra, Numerical Solutions to Linear/Nonlinear/Coupled PDE

Research: Under Dr. Malgorzata Peszynska, I research the numerical analysis of optimal control problems constrained by a PDE. This involves interpreting problems from applied fields in the optimal control setting, analyzing numerical methods for solving the problems, implementing such methods in code, and testing the results. For similar work done as coursework, see my "Nonlinear Coupled PDE" GitHub repository.

Kalamazoo College, Kalamazoo, MI B.A., June 2023

Majors: Mathematics, philosophy, German studies

Senior thesis (mathematics): Created educational documents and videos on Calculus topics and developed a system for the further creation of materials on any topic in any department. See my "Capstone" GitHub repository.

EXPERIENCE

Oregon State University Mathematics Department, Kalamazoo, MI September 2023 - Present

Graduate teaching assistant

- Lead recitation sections for mathematics courses
- Proctor, scan, and grade student exams and homework assignments
- Tutor mathematics and statistics students in the drop-in tutoring center

Kalamazoo College Math and Physics Center, Kalamazoo, MI August 2021 - June 2023

Assistant or consultant

- Managed and advised math and physics consultants; organized consultants' activities and scheduled meetings
- Collected and utilized feedback on tutoring resources
- Advised students on handling courses and departments

ACTIVITIES & LEADERSHIP

Kalamazoo College Residential Life, Kalamazoo, MI August 2020 - January 2023

Resident Assistant (RA) or Senior Resident Assistant (SRA)

- Manage RAs for 2 residence halls and coordinate action related to programming, emergency response, student outreach, and more.
- Work with 6 other RAs to mentor 220 residents on adapting to college life
- Lead programs in collaboration with several college departments and several of the 96 student organizations to give residents useful information and enjoyable activities

Kalamazoo College Philosophy Club, Kalamazoo, MI August 2021 - June 2023

President

- Discuss ideas, issues, and solutions of philosophy and their modern statuses and applications
- Advise first-year students on course difficulty and success strategies