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Curriculum Vitæ

EDUCATION

Bachelor of Science, Mathematics, University of Washington, Seattle, WA (Sept. 2016 - Jun. 2020)
Minors in Norwegian and the Comparative History of Ideas

HONORS

Barbara Sando Scholarship in Mathematics, awarded for Winter/Spring 2020
Phi Beta Kappa, inducted Spring 2019
Annual Dean's List, University of Washington, 2016-17 and 2017-18

INDEPENDENT STUDY

Math Special Topics, University of Washington, Winter/Spring 2019
- Completed an independent study of *Differential Topology* by Victor Guillemin and Alan Pollack, under the supervision of Dr. Lucas Braune
- Topics included immersions/submersions, transversality, homotopies, Sard's Theorem and Morse functions, manifolds with boundary, intersection theory mod 2, winding numbers, and the Jordan-Brouwer Separation Theorem

Math Special Topics, University of Washington, Fall 2018
- Completed an independent study of *An Illustrated Theory of Numbers* by Martin Weissman, under the supervision of Prof. Bianca Viray (Parts I and II, Ch. 0 - 8)

RESEARCH EXPERIENCE

Undergraduate Volunteer, Yager Group, University of Washington, Oct. 2017 - Dec. 2018
- Developed a combinatorial model to better understand the biophysical chemistry of a diagnostic assay
- Ran DNA amplification reactions (PCR/iSDA) and used gel electrophoresis to visualize results

TEACHING EXPERIENCE

Math Grader, University of Washington, Winter/Summer Quarters 2019, Summer Quarter 2020
- Graded homework with feedback for one section of Introduction to Mathematical Reasoning (MATH 300) in Summer 2019, and again in Summer 2020
- Graded homework for one section of Linear Analysis (MATH 309) in Summer 2020
- Wrote homework keys and graded homework for two sections of Linear Analysis (MATH 309) in Winter 2019

Volunteer Peer-Mentor, University of Washington, Spring/Fall 2018, Fall 2019
- Trained in research-based pedagogical methods (Spring 2018)

- Facilitated problem-solving and study-skill development in a weekly discussion workshop for General Chemistry (CHEM 142), under the supervision of a graduate teaching assistant (Fall 2018)
- Facilitated an additional workshop with a graduate student in Fall 2019
- Peer-mentors are part of the UW STEM-Dawgs program, whose purpose is to foster a sense of community within large undergraduate lecture courses, and address disparities in performance for women, underrepresented groups, and first-generation college students.

ADDITIONAL SKILLS

Proficient in **LaTeX**
Norwegian - professional working proficiency (approximately B2 on the CEFR-scale; writing sample available upon request)

PROFESSIONAL MEMBERSHIPS

Association for Women in Mathematics