

Nico Courts

University of Washington
Department of Mathematics
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OBJECTIVE	To pursue my fascination with all things mathematical and technological with the ultimate goal of using my technical and interpersonal skills to promote understanding, curiosity, and benevolence in the people around me.	
EDUCATION	Ph.D. , Math (U. Washington) M.S. , Math (U. Washington) B.S. , Math (U. Southern California)	June 2022 (expected) March 2020 May 2016
INTERNSHIPS	NSIP PhD Intern Pacific Northwest National Labs, Seattle, WA	June 2020 – Present
PUBLICATIONS	Kvinge, H., New, Z., Courts, N., Lee, J.H., Phillips, L.A., Corley, C., Tuor, A., Avila, A., & Hodas, N.O. <i>Fuzzy Simplicial Networks: A Topology-Inspired Model to Improve Task Generalization in Few-shot Learning</i> . (2020). https://arxiv.org/abs/2009.11253 (to appear)	
TEACHING EXPERIENCE	Graduate Teaching Assistant University of Washington, Seattle, WA <ul style="list-style-type: none">• As an instructor: Math 124 – Calculus I; Math 308 – Matrix Algebra• As a teaching assistant: Math 120, 124, 125, 126, 327, 381, 403 Lead Teaching Assistant and Instructor SCS Noonan Scholars (previously South Central Scholars), Los Angeles, CA Various Teaching and Mentorship Positions Citrus College, Glendora, CA	Autumn 2016 – Present Summer 2016 Spring 2012 – Summer 2013
LEADERSHIP & SERVICE	Graduate Student Representative University of Washington, Seattle Washington Directed Reading Program <i>Co-organizer and mentor</i>	Summer 2019 - Spring 2020 Autumn 2018 - Present
SKILLS & HOBBIES	Languages: <ul style="list-style-type: none">• <i>English</i> – This is my native language.• <i>German</i> – Ich kann ziemlich gut Deutsch sprechen und verstehen! (proficient)• <i>Russian</i> – Я немного понимаю по-русски. (beginner)• <i>Programming</i> – Go, Haskell, Java, ATEX, PHP, Python, Typescript. Computer Skills: Web/Application Development, Server Administration, Sage, Windows, Linux, FreeBSD. Life Skills: Critical Thinking, Abstract Reasoning, Communication, Objectivity, Empathy.	