

Jasmine Nguyen Tom

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Curriculum Vitae

(last updated: July 2023)

EDUCATION

University of California, Santa Cruz (UCSC)

Master of Arts in Mathematics

Bachelor of Science in Mathematics with Honors | Minor in Statistics

Senior Thesis Advisor: Kasia Jankiewicz

Santa Cruz, California, United States

Expected Graduation: June 2024

September 2019 - June 2023

University of Barcelona (UB)

University of California Education Abroad Program

Barcelona, Catalonia, Spain

August 2021 - January 2022

TEACHING EXPERIENCE

UCSC Learning Support Services

Math Study Hall Tutor

Santa Cruz, California, United States

April 2023 - Present

- Deliver personalized support for math concepts ranging from algebra to all levels of calculus
- Create a space for students to work individually or in groups on math assignments twice a week in 4-hour time blocks

Small Group Tutor

September 2022 – March 2023

- Led small peer based interactive groups up to 4 students per session
- Facilitated 2-3 weekly tutoring/study sessions per class outside of class hours
- Supported the upper division Abstract Algebra (Group Theory) course

Embedded Modified Supplemental Instruction Learning Assistant

January 2022 – June 2022

- Provided group and individualized support to 250+ students during lectures
- Held 3 weekly tutoring/study sessions for the BioCalculus I & II courses outside of class hours
- Attended meetings with the teaching team (professor, teaching assistants, etc.) once per week

*Study Group Leader & Learning Assistant**

September 2020 – June 2021

- Created a collaborative and interactive environment for a diverse group of learners
- Guided Vector Calculus students through the material and provided resources to enhance their study skills
- Attended lectures and supported the course with a no-pass rate of 20% or above

Teach For America (TFA)

Ignite Fellow

Rio Grande Valley, Texas, United States

September 2022 – December 2022*

- Accelerate learning and foster belonging with 6th grade math students at Vela Middle School
- Leverage research-based best practices for high-impact tutoring for 1-3 students for 3-5 hours per week
- Participate in ongoing training and development from TFA and veteran educators

UB Faculty of Philology and Communications

English Conversation Assistant

Barcelona, Catalonia, Spain

October 2021 – December 2021

- Helped to improve the English oral expression of 20 local students
- Prepared interactive and engaging activities, such as presentations and games, for facilitating 3 weekly sessions
- Composed a 10+ paper detailing my experience with the internship

Santa Cruz County Office of Education: Cabrillo College

Math Camp Counselor

Santa Cruz, California, United States

July 2021

- Collaborated with the leadership team to plan learning activities and met to reflect on our impact
- Engaged a diverse group of students, including language learners and students with special needs
- Encouraged 10+ rising sixth graders to develop their own power, identity and leadership as young mathematicians

Santa Cruz City Schools: Harbor High School

Paraeducator

Santa Cruz, California, United States

June 2021 – July 2021

- Joined the instructional team for their summer academic programs, namely, Summer Bridge and Math Boosters
- Supported 50+ students in the credit recovery program in a variety of subjects including math and chemistry
- Worked 60 hours during the span of 4 weeks

UCSC Cal Teach: Cypress High School

Santa Cruz, California, United States

Math Intern

October 2020 – December 2020*

- Inspired students and supported instruction in a math classroom twice/week for 3-4 hours/week
- Mentored by a K-12 host teacher to teach a lesson to the Algebra and Pre-Calculus courses
- Enrolled in a concurrent Cal Teach seminar course, a 2-credit seminar that enhances one's classroom placement

LEADERSHIP EXPERIENCE

UCSC College Nine & John R. Lewis College

Santa Cruz, California, United States

UCSC Summer Housing: Crown & Merrill Colleges**Resident Assistant (RA)**

August 2022 – Present

- Cultivate an inclusive and accepting environment for 40+ residents on the floor
- Foster a community of interdependent, compassionate and open-minded individuals through planned events
- Provide on-call and scheduled support for conflicts, room lockouts, etc.

UCSC Women in Science Society

Santa Cruz, California, United States

Fiscal Representative (Treasurer)

June 2021 – June 2023

- Oversaw the financial operations of the organization by completing forms and transactions
- Created budgets and organize fundraising events to grow the current balance of \$2,000
- Maintained contact with national representatives to discuss finances and official chapter registration

UCSC Mathematics Department

Santa Cruz, California, United States

Co-organizer of the Undergraduate Colloquium

September 2022 – March 2023

- Collaborated with 2 UCSC graduate students to organize talks for undergraduates
- Assisted with outreach for participation in useful workshops and mathematical presentations
- Ensured events run smoothly and provide an encouraging environment to promote math confidence

Amazon.com, Inc.

Stockton, California, United States

Area Manager Intern in Operations

June 2022 – August 2022

- Developed and led a team of 50-200 inbound Associates in a distribution warehouse environment
- Ensured that the highest levels of safety, quality, attendance performance and engagement are maintained
- Implemented and presented a project in the form of a 6-page white paper on benchmarking to site leadership

Project Reduce Income Disparities Through Education and Empowerment (R.I.D.E.)

California, United States

Director of Training and Development

July 2021 – August 2022

- Managed 25+ tutors and volunteers for trainings and serve as their liaison with students
- Supported underrepresented students from high-need schools throughout the state with two official university chapters and one college high school partnership
- Designed and led useful programs for academic resources and higher education, such as After Hour Tutoring, Mentorship Program and Virtual Learning Sessions

PRESENTATIONS

Undergraduate Mathematics Colloquium

Santa Cruz, California, United States

Directed Reading Program Symposium**Braid Groups: Three Intertwined Perspectives**

June 2023

An Introduction to Mapping Class Groups**Sylow's Theorem: A Partial Converse to Lagrange's Theorem**

June 2022

Spectra Survey of Mathematics Conference (SSMC)

Lexington, Kentucky, United States

An Introduction to Mapping Class Groups

May 2023

Underrepresented Students in Topology and Algebra Research Symposium (USTARS)

Seattle, Washington, United States

Dehn Twists About Curves on a Surface

March 2023

University of California Education Abroad Program (UCEAP)

Santa Cruz, California, United States

UCEAP Spain Alumni Panel

November 2022*

Science Technology Engineering Art Mathematics (S.T.E.A.M.) Conference

Santa Cruz, California, United States

Monterey Bay Area Math Project (MBAMP): Math Games

March 2021

*Remote

PUBLICATION

Morales-Almazan, Pedro, Hanjue Pan, and Jasmine Tom. "High-Structure and Its Impact on Performance Gaps in Large-Enrollment Frosh Courses." (2021): n. pag. Print.

AWARDS & SCHOLARSHIPS

Reinvent Stockton Foundation
Shriram Scholars Program

Stockton, California, United States
April 2019 - June 2023

UCSC Undergraduate Honors
College Scholars Program

Santa Cruz, California, United States
February 2020 - June 2021

California Department of Education
State Seal of Biliteracy in Spanish

Stockton, California, United States
May 2019

AFFILIATIONS

American Mathematical Society (AMS), Association for Women in Mathematics (AWM), Educational Opportunity Program (EOP), College Nine: International and Global Perspectives