

Tomohiro Sawada
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EDUCATION

The University of Chicago Chicago, IL
Master of Science in Mathematics June, 2021
Bachelor of Science in Mathematics June, 2021

EXPERIENCE

Mathematics REU, UChicago. Chicago, IL
Participant June 2020– July 2020

- Learned graduate topics under supervision of UChicago graduate students.
- Conducted independent project on Thurston, The Geometry and Topology of Three Manifolds.

Mathematics REU, UChicago. Chicago, IL
Participant June 2019– July 2019

- Attended lectures on advanced undergraduate topics.
- Learned graduate topics under supervision of UChicago graduate students.
- Wrote expository paper on [graduate mathematics topic](#)

Mathematics RTG Analysis Boot Camp, UChicago. Chicago, IL
Teaching Assistant & Participant June 2018 – August 2018

- Youngest participant in the program.
- Program for top undergraduate math students at UChicago.
- Responsibilities include supervising lectures and grading assignments.
- Learned advanced topics under supervision of Prof. Panagiotis Souganidis.

Mathematics RTG Analysis Boot Camp, UChicago. Chicago, IL
Participant June 2017 – August 2017

- Youngest participant in the program.
- Learned advanced undergraduate topics under supervision of Prof. Wilhelm Schlag.

Simon Lab for Ultracold Quantum Materials, UChicago. Chicago, IL
Research Intern June 2016– July 2016

- Conducted independent research projects pertaining to quantum mechanics.
- Responsible for building electronics.

Mathematics REU Apprentice Program, UChicago. Chicago, IL
Participant June 2016– July 2016

- Youngest participant in the program.
- Participated in lectures intended for rising second and third year undergraduates.

EMPLOYMENT

Upwork San Francisco, CA
Freelancer (Remote) October, 2021 – Present

- Top-Rated Freelancer
- Wrote Python code using data analysis packages
- Made over 5000 USD in earnings in 3 months

Self-Employed*Tutor*

Chicago, IL

September, 2017 – February, 2020

- Tutored students from grades 4-12 and first year undergraduates.
- Instructed students on various STEM subjects, including mathematics and programming
- Tutored over 10 students.

University of Chicago Mathematics Department.*Grader*

Chicago, IL

September, 2017 – December, 2017

- Grader for the first year honors calculus sequence.
- Responsible for grading weekly assignments and providing details reports on student performance

SKILLS**Languages:** English (Native), Japanese (Native)**Computer:** Microsoft Office, Python (Intermediate), HTML/CSS (Intermediate), Javascript (Elementary), Racket (Elementary), C Programming (Elementary)