Bennett **Rennier**

bennett@brennier.com — http://brennier.com

Employment

2022 – Now **Foreign Language Teacher** *Tanabe Kougyou High School*
Taught English to Japanese high school students in Japan. Sometimes I taught as a team with another teacher, sometimes I was the sole teacher.

2019 – 2020 **Math Instructor** *University of Virginia*
Taught university-level Calculus as the sole instructor. I was given the freedom to choose a textbook, design the curriculum, and determine the grades.

2018 – 2019 **Math Teaching Assistant** *University of Virginia*
Served as a Teaching Assistant, primarily for Differential Equations.

Education

2018 – 2020 **Masters of Science in Mathematics** *University of Virginia*
GPA: 4.00. Excelled in advanced topics at the graduate level, including Probability Theory, Algebraic Combinatorics, Computer Algorithms, Homological Algebra, and Differential Topology.

2014 – 2018 **Bachelors of Science in Mathematics** *University of Oklahoma*
GPA: 3.89. Received an award for being the "most outstanding math major." Took courses on topics such as Linear Algebra, Object-Oriented Programming, Discrete Structures, Number Theory, and Graph Theory.

Projects and Achievements

- Created a **popular Vim plugin** for quickly typing **LaTeX** code. The Github repository currently has over 100 stars and 15 forks.
- Designed a **novel graph algorithm in Python** for verifying the connectedness of moduli spaces. It was featured in a paper written by Huy Dang and published in the Journal of Algebra.
- Created a website using **HTML/CSS** and **Javascript**, which works across a variety of screen sizes and dimensions. You can currently view the website at http://brennier.com/.
- Designed, programmed, and hand-wired a custom mechanical keyboard using **C**. You can see pictures of this project here.
- I've used **ArchLinux** exclusively for around 5 years. I have extensive personal experience with using tools such as **BASH**, **Emacs**, and **Git**.
- Received funding from the National Science Foundation to study Dynamical Systems and Leibniz Algebras in Tashkent, Uzbekistan. My research was published in the Journal of Geometry and Physics and was presented at an international conference.
- Passed the **Japanese Language Proficiency Test (Level N2)**. This exam is administered by the Japanese government and certifies a **proficient level of Japanese**.