Bennett **Rennier**

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Employment

2022 – Now **Assistant Language Teacher** *Link Interac Inc.*
- Taught English in Japanese public schools.
- During my first year, I taught at two high schools in Tanabe, Wakayama.
- Currently, I teach at an elementary school in Inagawa, Hyogo.

2019 – 2021 **Mathematics Instructor** *University of Virginia*
- Taught Calculus classes at a well-respected university.
- I was given the freedom to teach with little supervision.
- I chose the textbook and designed my own curriculum.

2018 – 2019 **Mathematics Teaching Assistant** *University of Virginia*
- Worked as a teaching assistant for Calculus and Differential Equations.
- I taught two times a week, held office hours, and designed weekly quizzes.

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.

Certificates and Publications

- Passed the **Japanese Language Proficiency Test (Level N2)**. This exam is administered by the Japanese government and certifies a proficient level of Japanese. I recently took the JLPT N1, but I have not received the results yet.

- Received my **TEFL Certificate** (Teaching English as a Foreign Language Certificate), an internationally-recognized certificate on the basics of teaching English in an non-English speaking country. Accredited by Accreditat.

- **Published a research paper** on Dynamical Systems and Leibniz Algebras in the Journal of Geometry and Physics. I presented my research at an international conference in Tashkent, Uzbekistan. This was funded by the National Science Foundation.

- 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.

Programming Projects

- Created a **popular Vim plugin** for quickly typing LaTeX code. The Github repository currently has over 100 stars and 15 forks.

- 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**.

- I am currently writing a library in **Emacs Lisp** that implements many common data structures.

- Completed the **Google Professional Certificate on Data Analysis**. This course introduced tools commonly used in the industry such as **R, SQL, and Tableau**.