





# Bennett Rennier

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## Employment

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- 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

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- 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

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- Passed the **Japanese Language Proficiency Test (Level N1)**. This exam is the highest level Japanese language test administered by the Japanese government and certifies a fluent level of Japanese.
- Received my **TEFL Certificate** (Teaching English as a Foreign Language Certificate), an internationally-recognized certificate on the basics of teaching English in a 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.