Samuel Glickman

glickman@hawaii.edu • https://thesamglickman.github.io • 813-727-7086

First-year mathematics doctoral student with over three years of advanced quantitative training. Programming experience in C++ and Python. Communication skills developed over three years of teaching to both technical and non-technical students. Leadership potential demonstrated through student organization management.

Education

Doctor of Philosophy (Ph.D.), Mathematics, Cumulative GPA: First Semester (Expected May 2023)
University of Hawaii at Manoa, Honolulu, HI
- Mathematical Logic, Measure Theory
- Graduate Assistant Scholarship

Bachelor of Science (B.S.), Mathematics, Cumulative GPA: 3.57, Major GPA: 3.62 (May 2020)
Florida State University, Tallahassee, FL
- Abstract Algebra, Algorithms, Data Structures, Linear Algebra, Mathematical Statistics, Real Analysis, Topology
- Honors in the Major Graduate, Undergraduate Mathematics Seminar Speaker

Bachelor/Master of Science (B.S./M.S.), Finance, Graduate GPA: 3.81 (May 2016)
Florida State University, Tallahassee, FL
- Corporate Finance, Econometrics, Macroeconomic Analysis, Portfolio Management, Risk Management, Security Analysis
- Florida Bright Futures Scholarship, Global Business Seminar Representative, University Freshman Scholarship

Experience

Graduate Researcher (August 2020 – Present)
University of Hawaii at Manoa, Honolulu, HI
- Preparing for both collaborative and independent research in probability and theory of computation
- Seeking connections to artificial intelligence, financial mathematics, and mathematical physics

Teaching Assistant (August 2020 – Present)
University of Hawaii at Manoa, Honolulu, HI
- Leading bi-weekly precalculus problem-solving sessions for both technical and non-technical majors
- Meeting deadlines for grading classwork, homework, and exams of over 60 undergraduate students

Undergraduate Researcher (May 2019 – April 2020)
Florida State University, Tallahassee, FL
- Presented overview of Kardar-Parisi-Zhang (KPZ) universality at undergraduate mathematics seminar
- Authored and successfully defended honors thesis discussing fundamentals of optimal transport

Co-Founder/Head of Professional Development (August 2018 – April 2020)
Florida State University Society of Undergraduate Mathematics Students, Tallahassee, FL
- Organized STEM resume workshop in collaboration with FSU Career Center
- Created and oversaw mathematical biology card game at Math Fun Day youth outreach event

Projects

Udemy Web Developer Course (July 2020 – Present)
Web Development
- Assembling mobile-friendly, static webpages using Bootstrap
- Learning key web technologies including Express.js, jQuery, Node.js, and NoSQL (MongoDB)

Global Earthquake Analysis (July 2020 – Present)
Data Visualization
- Mapping recent global earthquakes with Matplotlib and Plotly to identify tectonic plates
- One of three capstone projects from *Python Crash Course, 2nd Edition* by Eric Matthes

Israel Tech Challenge Click Prediction Assessment (February 2020)
Machine Learning
- Solved supervised learning problem with k-nearest neighbors classifier
- Project completed with Scikit-learn and Pandas and presented with Jupyter Notebook

Skills

Certifications: Passed all three levels of Chartered Financial Analyst (CFA) Program
Language: Japanese (Elementary Proficiency)
Programming: C, C++, CSS, HTML, LaTeX, Python