

# Trevor J. Richards

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## Contact Information

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## Personal Summary

Actuarial associate. Extensive experience communicating quantitative information to people with varying levels of preparation. Curious and driven to solve problems and explore analytical mysteries. Experience conducting data analysis and mathematical research in highly collaborative settings.

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## Education

Ph.D., Mathematics, University of Florida, 2013  
– Dissertation Title: *On the conformal equivalence of meromorphic functions.*  
– Advisor: Michael Jury

M.S., Mathematics, University of Florida, 2009

B.S., Mathematics, University of Florida, 2006  
– Minor in Philosophy

Graduate GPA: 3.77/4.0

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## Professional Experience

<b>Brighthouse Financial</b>	Charlotte, NC
Actuarial Associate	2021–present
Actuarial Analyst	2020–2021
<b>Monmouth College</b>	Monmouth, IL
Assistant Professor, Mathematics	2017–2020
<b>Washington and Lee University</b>	Lexington, VA
Visiting Assistant Professor, Mathematics	2014–2017
<b>Virginia Tech University</b>	Blacksburg, VA
Instructor, Mathematics	2013–2014

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## Society of Actuaries Exams

Exam PA, Sat December 2021	Exam SRM, Passed May 2021
Exam IFM, Passed December 2020	Exam FM, Passed July 2019
Exam P, Passed August 2018	

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## Professional Activities

- **Data and Actuarial Development** – design and develop data analytical tools and processes, including interface of multiple software systems (Excel, VBA, SQL, Python)
  - **Mathematical Research** – ten articles published in professional mathematics research journals in fields of real analysis and complex analysis
  - **Conference Presentations** – research presentations at many professional mathematics conferences (including Joint Mathematics Meetings, Southeastern Analysis Meeting, etc.)
  - **Teaching** – multiple actuarial courses (Exam P Prep Course, Exam FM Prep Course), multiple mathematical courses (Linear Algebra, Advanced Calculus, Discrete Math, etc.)
  - **Leadership and Mentoring** – directed seven undergraduate students on four research projects, organized special research session “*Geometry of Complex Polynomials and Rational Functions*” at the 2020 national Joint Mathematics Meetings
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## Technical Skills

- Data Analysis Software: R, Excel, VBA, SQL, Python
- Version Control Software: Tortoise SVN, Git
- Mathematical Software: Mathematica, Matlab, Latex