

My Story

How did I get to where I am

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Our Stories

Online Undergraduate Resource Fair for the Advancement in
Academia of Marginalized Mathematicians (OURFA²M²)

December 19, 2020

The logo for Rose-Hulman Institute of Technology, featuring the text "ROSE-HULMAN" in a large, bold, white sans-serif font above "INSTITUTE OF TECHNOLOGY" in a smaller, white sans-serif font, all contained within a dark red rectangular background.

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

- Started as civil engineering major in 2011
- Switched to math by end of freshman year
 - Like proving things
- Supportive environment
- Graduated in fall of 2015

Teaching

- TA/Grader for the Departments of Computer Science & Software Engineering and Mathematics at RHIT (on & off 2011–2016)
- Counselor at the Ross Mathematics Program (Summer 2016)

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Research Experiences for Undergraduates (REUs)

- Texas A&M University (Summer 2014)
 - Confirmed that I like number theory
 - Discovered that I don't like research under pressure
- Auburn University (Summer 2015)
 - Discovered research could be fun



RUTGERS

UNIVERSITY | NEW BRUNSWICK

- 5th year in mathematics Ph.D. program



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- Math outreach
 - Math Teachers' Circles (on & off since 2019)
 - Julia Robinson Mathematics Festival (JRMF) (Spring & Summer 2020)
 - Math Circles (Fall 2020)

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Finding information:

- Look at programs' websites.
- **Talk to graduate students, professors, staff, etc., from a variety of backgrounds and schools.**

Some questions concerning graduate school environment

More basic questions:

- How is the graduate program structured?
- How are students prepared and supported to teach effectively?
- How are students mentored and advised?
- Is there an AWM chapter or some other similar group?
- Are there social events or graduate student seminars?
- What percentage of graduate students finish their Ph.D.s?

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More difficult questions:

- To graduate students, what do you like and what do you dislike about your graduate program? Do you feel like you are part of a community in your graduate program?
- What do you know about other graduate programs?

Thank you for listening!