

I love education and technology. My immediate plan is to become a high school math teacher, but in the long term I want to improve education for everyone by creating tools and environments that enable students to follow their passions.

Education

CURRENT **Michigan State University**

- Major: Mathematics
- Minors: Physics, Computer Science
- Certification: Secondary Education

PAST **East Grand Rapids High School**
Calvin University (Dual Enrollment: Multivariable Calculus)

Awards

James E. Nordberg Distinguished Scholarship
Academic Full Ride

National Merit Scholarship

Experience

WEBSITES **Rocket Spelling** RocketSpelling.com

I created Rocket Spelling because elementary spelling education was a little lackluster. Now, Rocket Spelling has over 65,000 registered students who are practicing their spelling in a fun and engaging way.

Fourth Grade Math Games FourthGradeMathGames.com

Fourth Grade Math Games is a collection of simple math games I created over the years to help elementary students learn and practice basic math skills. The games have been used in a number of classrooms, and I've even put them to use in my own tutoring.

Online Math League *freelance OnlineMathLeague.com

I created the new Online Math League website as a small summer project.

Experience

EDUCATION

EGR Tech Camps

EGRTechCamps.com

Originally called “Scratch Camp”, the East Grand Rapids Tech Camps began as a summer program where I taught local students to code using Scratch, but quickly expanded into a technology education extravaganza, with another teacher on board and hundreds of students showing up each summer to build cool things with technology!

Cadet Teaching

During my senior year of high school I was a cadet teacher in my dad’s third grade classroom. I helped local students with math, answering questions and even teaching a few full-class lessons myself.

Coding Club

During my year of cadet teaching, I created an after-school coding club which served the same role as the summertime EGR Tech Camps. I taught about 50 students the basics of computer programming in two weekly after-school sessions.