

Matthew S. Kreutter

OBJECTIVE

I am an efficient, solutions-oriented Teach for America alum with previous professional experience in software engineering. After two years in the classroom as a middle school math teacher, I am now seeking the opportunity to build out and implement innovative, engaging ed-tech tools that accelerate student growth and achievement.

EDUCATION

2018 – 2020 **University of Missouri**, *M.Ed in Secondary Education Candidate* **St. Louis, MO**

Concurrently earning master's degree while teaching 5th – 8th grade math through Teach for America

2014 – 2018 **Washington University in St. Louis**, *B.S. in Computer Science, Minor in Entrepreneurship* **St. Louis, MO**

Dean's List • Intro CS TA and Tutor • LIVE Facilitator • Mens' Club Volleyball • Beta Theta Pi Executive Board

EXPERIENCE

2018 – 2020 **Eagle College Preparatory School**, *Middle School Math Teacher, Teach for America* **St. Louis, MO**

- Led 5th – 8th grade math students to achieve an average of 1.235 years of growth on the math NWEA assessment; built and maintained strong relationships with students and families by consistently seeking feedback through weekly surveys, resulting in a 92% satisfaction rate over two years
- Selected to serve as the regional MS math department lead in St. Louis, utilizing student data to adjust pedagogical best practices and differentiate classroom instruction to meet the diverse needs of ~300 MS scholars across four Eagle campuses
- Spearheaded transition to online learning during Covid-19 shutdown, managing my school's Google Classroom while creating and implementing new virtual curricula for all four grades
- Founded and coached Eagle's soccer, volleyball, and mathlete teams; organized and led elective courses in introductory programming, web development, and audio engineering

2017 **IMC Financial Markets**, *Software Engineering Intern* **Chicago, IL**

- Collaborated closely in a three-person Agile workflow, writing and benchmarking performant Java and Spark to process terabytes of trades and market activity daily in a data-driven trades analysis tool

2016 **NISA Investment Advisors**, *IT Intern* **St. Louis, MO**

- Built out an OData service to parse information from a SQL Server view and display it to a web endpoint, responding to finance team's needs and perspectives on the fly

2016 **Visa**, *Switching Systems and Network Processing Intern* **Austin, TX**

- Optimized use of Visa standard library functions to reduce overhead, resulting in a 2.6% improvement in system performance that saved Visa \$1m over three years

2015 **Kizazi**, *Front-end Web Development Intern* **Houston, TX**

- Designed front-end of e-commerce website, Kizazi.com, as the fifth employee to join the startup
- Collected and applied user activity logs to increase traffic and retention through SEO analysis

2014 **Frontier Utilities**, *IT Analyst Intern* **Houston, TX**

- Implemented SQL stored procedures to convert raw data of customer and company activity into easily digested graphics, presenting findings to Frontier's C-suite at the end of the program

SKILLS AND INTERESTS

Skills Curriculum design and implementation • Pedagogical best practices • Google Classroom • Clever
 Proficient in Java • Working knowledge in C++, SQL, Python, Spark/Hadoop, PHP/Laravel, HTML/CSS,
 Git/SVN, MS Office • Exposure to JavaScript/jQuery, C#, zTPF Assembler, SISC Scheme

Interests Conversational in Spanish • Lived, worked, and/or studied in 5 countries across 3 continents
 Scuba Diving (OWD certified) • Powerlifting (489kg total) • Soccer & Volleyball (player and coach)
 Videogames (developed two of my own; Diamond 3 in League of Legends; Masters in Teamfight Tactics)