

Matt Gaikema

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<https://github.com/TexAgg>

Education

Texas A&M University

Bachelor of Science in Computer Science and Applied Mathematics, 3.75/4.0
University Honors Fellow

College Station, Tx

2014-2018

Work Experience

Department of Computer Science

Peer Teacher

- Mentor and tutor students in computer science
- Help them debug and analyze their C++ programs

Texas A&M University

2016—Present

Department of Mathematics

Research Assistant

- Analyzed sound quality of vinyls from before and after RIAA standardization (2015)
- Research involving transpositions and the conjugacy classes of symmetric groups (2016)
- Wrote a program to compute the entries and eigensystem of the integer partition matrix

Texas A&M University

2015—Present

Department of Mathematics

Student Assistant

- Graded homework and exams for multivariate calculus class of over 90 students

Texas A&M University

2015—Present

Department of Mathematics

SMaRT Camp Counselor

- Counselor at a two-week math camp for gifted high school students from around the country
- Taught students how to make formal proofs and introduced them to advanced mathematics topics

Texas A&M University

2016

Extracurricular Activities

Math Club

Webmaster

- Created Math Club website from scratch, using PHP
- Maintain and update website, and communicate upcoming events

2016

Aggie Coding Club

Member

- One of the developers for the original website
- Created the information page

2016

Champe-Fitzhugh International Honors Leadership Seminar

participant

- Selected as part of a competitive process to be one of 30 incoming Texas A&M student participants
- Traveled throughout Italy and attended lectures and tours on Italian art, architecture, and culture

Texas A&M University

2014

Honors and Awards

National Merit Scholar

President's Endowed Scholarship

Member of Pi Mu Epsilon (Math Honor Society)

Honors in Mathematics and Engineering

MathFest

- One of two students selected by Math Honors faculty to attend national math conference, with all expenses paid

2015

Skills

Languages: C++, Java, R, Mathematica, Javascript, PHP, C#, Python, \LaTeX

Software: NodeJS, CMake, Git, Linux