

Matt Gaikema

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📦 TexAgg

Objective

To obtain a Summer 2017 Internship in Computer Science.

Education

Texas A&M University

*Bachelor of Science in **Computer Science and Applied Mathematics**, 3.75/4.0*

University Honors Fellow

College Station, Texas

2014 - 2018

Skills

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

Software: NodeJS, CMake, Git, Linux, ASP.NET MVC, Flask

Work Experience

Department of Computer Science

Peer Teacher

Texas A&M University

2016 - Present

- Mentor and tutor hundreds of students in computer science.
- Assist students one-on-one with debugging and analyzing their C++ programs.
- Lead weekly review lessons on discrete mathematics.

Department of Mathematics

Research Assistant

Texas A&M University

2015 - Present

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

Department of Mathematics

Student Assistant

Texas A&M University

2015 - Present

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

Department of Mathematics

SMaRT Camp Counselor

Texas A&M University

Summer 2016

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

Leadership

Math Club

Webmaster

2016 - Present

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

Aggie Coding Club

Web Developer

2016 - Present

- Assisted in the design and development for the original website.
- Created the information page.

Champe-Fitzhugh International Honors Leadership Seminar

Participant

Summer 2014

- 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.

Honors and Awards

First place in HackDFW Ilumi Smart Bulb challenge

2016

National Merit Scholar

President's Endowed Scholarship

Member of Pi Mu Epsilon (Math Honor Society)

Honors in Mathematics and Engineering

MathFest

2015

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