

Matthew Tang

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WORK EXPERIENCE

TangStats Creator

March 2020— Present

Created an application to track and compile tournament statistics for QuizBowl tournaments, marketed to various tournament hosts like Groger Ranks.

<https://gemeln.github.io>

Illinois Geometry Lab Research

June 2019–August 2019

Researching and implementing reductions on special graphs to improve on existing algorithms to find minimum Steiner trees, using Python and LaTeX.

Sales Associate at Oberweis Dairy

October 2019— March 2020

I work with a team of crew members to run the shop smoothly and help customers.

SKILLS

Computer programming

Proficient in Java (4 years), C++, and Python
Proficient in Data Structures and Algorithms
Familiar with Unix and Linux systems
Google Code Jam 2020 Round 1 Qualifier

GitHub

GitHub Page: <https://github.com/gemeln>

Prototype online multiplayer Quizbowl:

<https://github.com/gemeln/vigilant-broccoli>

Stickers and Image Filter Program : <https://github.com/gemeln/stickers>

Mathematics and Problem Solving

I enjoy math and problem solving so I participate in competitions throughout the year such as AMC and ICTM.

EDUCATION & CERTIFICATION

University Laboratory High School, Urbana

September 2015 - Present

Uni High is a public selective admission 5 year high school which includes 8th grade that I applied to in 2015.

Concurrent Enrollment at UIUC

Sophomore equivalent of Computer Science credits

2020

Currently enrolled in CS225(Data structures)

2018–2019

ECE 220(Systems programming), CS173(Discrete structures), and ECE 120 (Introduction to Computing) at UIUC, MATH241(Calculus 3) and CS 125.

ACTIVITIES

Uni High Varsity Cross Country Team

2015–present

State finals qualifier,
5th place team

Uni High Varsity Track and Field Team

2015–present

4x800m State finals
qualifier, 5th place

800m State finals
qualifier

4x400m State finals
qualifier

Student Council Class President

2015–2017

Plan class events,
fundraisers, and
dances.

Ctrl-Z Robotics Team

2018

Uni High Math Team

2015–present