Timothy Metzger

SOFTWARE ENGINEER

✉ tmetzger8@gmail.com   📍 Eureka, MO, United States   📞 3146680558

Profile

Entry-level Software Engineer adept in bringing forth expertise in design, testing and maintenance of software systems. Proficient in various platforms, languages, and obsessed with optimization. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Education

M.S. Computer Science, Georgia Institute of Technology, Atlanta
August 2022 — August 2024

 Specialization: Interactive Intelligence

B.S. Mechanical Engineering, Saint Louis University, St. Louis
August 2019 — May 2022

 Summa Cum Laude

 Minor in Engineering Mathematics

A.S. Engineering Science, St Louis Community College, St. Louis
August 2014 — May 2018

Projects

Animated Algorithm Visualizer
 Developed software to visualize algorithms for sorting, graph traversal, minimum spanning trees, maze-building, and low level AI agents.

Automated Pill Distribution Machine Interface
 Established a multi-threaded user interface for an automated pharmaceutical drug sorting machine for use at the pharmacy level.

Triathlon Race Data Analyzer
 Race data analysis of Ironman branded races from 2015 to 2021 using Pandas and NumPy.

Employment History

Assistant Manager, Schnucks Markets Inc., Eureka
January 2014 — January 2017

- Executed general administrative tasks and ran an organized program.
- Expedited the relay of information to associates
- Created and achieved tight timelines for product turnover
- Optimized employee scheduling

Links

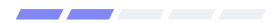[Personal](#)

[LinkedIn](#)

[GitHub](#)

Skills

Python

Git

Java

C++

SQL

MATLAB

HTML/CSS/JavaScript

LabVIEW