

STEVEN MEYER

CompSci student interested in Software Engineering, AI/ML, and data science

☎ 618-979-1470

✉ smmeyer00@gmail.com

🌐 [linkedin.com/in/smmeyer00](https://www.linkedin.com/in/smmeyer00)

🐙 github.com/smmeyer00

Education

Southern Illinois University Edwardsville

Aug 2019 – May 2023

Bachelor of Science in Computer Science, Minor in Mathematics

Edwardsville, Illinois

- GPA: 3.35/4
- Cougar Pride Scholarship
- Johnetta Haley Scholarship

Relevant Coursework

- Software Engineering
- Database and Web System Development
- Operating Systems
- Algorithms and Data Structures
- Intro to Computer Organization and Architecture
- Human-Computer Interaction Design

Experience

Southern Illinois University Edwardsville

Aug 2021 – Present

URCA Research Assistant

Edwardsville, Illinois

- Utilized python and VMD to run molecular dynamics simulations of Hepatitis C virus.
- Developed scripts to automate process of running simulations for many variants of the Hepatitis C virus.
- Programmatically parsed and analyzed large amounts of data generated from simulations.

Projects

Buzzer (twitter clone) | *React, Node, Express, MongoDB, DigitalOcean, Nginx, HTML/CSS*

August 2021

- Developed frontend with React using many hooks for things such as state management, routing, etc...
- Used Node with Express for development of backend (API) to handle all operations such as authentication, authorization with JWT, all CRUD operations with MongoDB, and to serve static React site.
- Deployed application to a DigitalOcean droplet using Nginx as a reverse proxy to handle SSL.
- Personal project, Live Site: buzzerapp.us

MIPS Processor Emulator and Disassembler | *python3*

October 2020

- Developed program with python3 that emulates a processor that accepts and runs MIPS instructions given as binary.
- Produces disassembled code as well as a description of the execution of the instructions which includes current instruction, program counter, registers, and memory for each clock cycle.
- School project

Algorithm Visualizer | *python3, pygame*

March 2021

- Developed application with python3, using pygame for the graphics.
- Animates common sorting algorithms by sorting rectangles according to their height.
- Personal Project

Technical Skills

Languages: Javascript, Python, SQL, PHP, Java, HTML/CSS

Developer Tools: VS code, Atom, bash, DigitalOcean, SSH

Technologies/Frameworks: React, Node, Express, MongoDB, GitHub, Linux

Extracurricular

Siue Programming and Research Collaboration

June 2021 – Present

Member

SIUE

Sigma Phi Epsilon Fraternity

Aug 2019 – Present

Member

SIUE