

# STEVEN MEYER

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

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## Education

### Southern Illinois University Edwardsville

Aug 2019 – May 2023

*Bachelor of Science in Computer Science, Minor in Mathematics*

*Edwardsville, Illinois*

- Cougar Pride Scholarship, Johnetta Haley Scholarship
- GPA: 3.56/4

## Relevant Coursework

- Software Engineering
- Database and Web System Development
- Operating Systems
- Algorithms and Data Structures
- Intro to Computer Organization and Architecture
- Networks and Data Communication

## Experience

### Amazon

May 2022 – Present

*Software Development Engineer Intern*

*Remote, US*

- Developed AWS Lambda functions using JavaScript and Java
- Designed, developed, documented, and thoroughly tested features before pushing to production
- Integrated with multiple services in order to provide personalized content recommendations to Amazon Music users

### Southern Illinois University Edwardsville

Jan 2022 – May 2022

*Supplemental Instruction Leader*

*Edwardsville, Illinois*

- Developed twice-weekly study sessions for physics students in order to improve student retention and success within targeted historically difficult courses
- Hosted a weekly office hour for students to receive one-on-one help with course content
- Assisted students with mastery of course material

### Southern Illinois University Edwardsville

Aug 2021 – Dec 2021

*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](https://buzzerapp.us)

### 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 – Aug 2021

*Member*

*SIUE*