

EDUCATION

Southern Illinois University Edwardsville

(August 01, 2018 - May 01, 2022)

Bachelor of Science: Computer Science, Minor: Mathematics

RELEVANT COURSES

Software Engineering

- Explored Agile and Waterfall software development methodologies.
- Proficient in using GitHub and source version control for collaborative software development.
- Developed and implemented unit tests for code quality assurance.

Database and Web Development

- Gained expertise in web technologies such as HTML, CSS, and JavaScript.
- Created and called RESTful APIs using PHP.
- Developed proficiency in SQL for data management, using MySQL and MAMP.

Networks and Data Communications

- Studied network protocols and their implementations.
- Learned about routing and switching in network infrastructure.
- Acquired knowledge in network security and troubleshooting.

Artificial Intelligence

- Explored machine learning algorithms and their applications.
- Learned to use advanced data structures to efficiently store information.

WORK EXPERIENCE

Software Engineer

Freelance

(May 01, 2021 - Present)

- Developed a system for automating invoice generation using Google Forms and Google Sheets
- Contributed to an existing codebase, adding new features and fixing bugs
- Performed data analytics and improved product usability

Retail Sales Specialist

Target Corporation

(July 01, 2019 - Present)

- Engaged dozens of customers nightly, assessed their needs, and answered questions.
- Worked with management to prioritize tasks as efficiently as possible.
- Worked in teams to perform nightly closing duties.

PROJECTS

YouTube Playlist Manager

Full-stack Web App

- Built a full-stack web app which allows users to create and organize YouTube playlists with greater customization and reliability than YouTube's default service.
- Implemented Next.js and MongoDB to power the backend of the website, enabling dynamic playlist management and data storage.

Web-Hosted Linux Containerization

Full-stack Web App

- Built a full-stack web app to allow users to create and use Linux containers hosted on university servers.
- Utilized React to simulate Linux terminals in the user's web browser.