

Education

Virginia Tech

Blacksburg, VA

Bachelor of Science, Computer Science

Expected graduation December 2024

Relevant Coursework: Data Structures and Algorithms, Cloud Software Design, Computer Organization, Computer systems, Introduction to Database Management Systems, Discrete Mathematics, Applied Combinatorics, Linear Algebra

Skills

Languages : Java, Python, C, SQL, HTML, CSS, JavaScript, Linux, Bash

Databases/Frameworks/Tools: MySQL, MongoDB, TailwindCSS, React, NodeJS, Express, Tkinter, Junit testing, Docker, JSON, Wireshark, Postman agile, scrum

Development Technology: VS Code, Eclipse, IntelliJ, Git, Figma

Experience

Engagement Photo Gallery Website | *React, Express.js, Node.js, MongoDB, HTML, CSS, Axios, Multer* |

May 2024 - Present

- Implemented a responsive photo gallery website using React, Node.js, Express, and MongoDB, allowing users to upload and view engagement photos with an intuitive and user-friendly interface
- Developed backend services to handle file uploads, store metadata in MongoDB, and serve static files, ensuring efficient and secure management of user photos. Increased user engagement by 35% through optimized loading times and user interface improvements.
- Designed and styled front end components for enhanced user experience, incorporating dynamic gallery views, image modals, and file upload forms with attractive CSS designs

High School Athlete Recruitment Enhancement Platform

January 2024 - May 2024

- Developed a web application using Python and MySQL to streamline the college football recruiting process for underprivileged high school athletes, featuring an intuitive GUI designed with Tkinter for efficient data input and interaction scheduling
- Leveraged Python's powerful programming capabilities to implement advanced SQL queries for complex data retrieval, enabling customized search functionalities tailored for recruiter needs

Personal Website

May 2024

- Developed a retro themed personal website utilizing HTML and Tailwind CSS to create a visually engaging user interface that mimics a classic desktop environment, implemented advanced interactive features using JavaScript

Medical Office Support System Engineer

All Hope Behavioral Health Services

July 2021 - Present

- Communicate with insurance companies and patients regarding payments as well as vendors to keep sufficient stock for medical equipment
- Assist in IT support for the office, creating and managing systems integral to maintaining office operations

Leadership

Board Member

Muslim Student Association (MSA)

- Directed fundraising efforts, overseeing contributions and addressing financial challenges to maintain the club's stability. Increased annual fundraising totals by 30% through targeted campaigns and outreach.
- Built and nurtured connections within the campus, encouraging student and faculty involvement to elevate engagement and backing for MSA activities. Expanded membership by 25% over the academic year.