

Besufekad “Besu” Desta

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EDUCATION

Virginia Commonwealth University, College of Engineering
B.S. in Computer Science, GPA: 3.7

Richmond, VA
Expected Graduation: May 2027

RELEVANT COURSEWORK

Intro to Data Structures | Discrete Structures | Intro to Programming | Data Ethics | Calculus

SKILLS

Programming Languages: Java | Python | JavaScript

Web Development: HTML | CSS | REST APIs | Flask | NextJS

PROJECTS

Website Portfolio

October 2024 - Present

- Created a personal website project showcasing various works and skills, designed to enhance online presence and demonstrate technical capabilities.
- Developed and optimized the website using HTML, CSS, and JavaScript, implementing responsive design principles to create a visually appealing and user-friendly layout across devices.
- Implemented responsive design techniques and mobile-first strategies, utilizing flexible grid layouts and CSS media queries to ensure seamless compatibility across various devices and screen sizes

Balanced Delimiter File Scanner

October 2024

- Developed a Java program that analyzes HTML files to verify the balance of opening and closing tags, ensuring proper structure and format. This project involved applying algorithmic principles to handle nested tags effectively.
- Designed and implemented a custom stack data structure, encapsulated within a generic class, to manage the storage of opening tags as they are encountered during parsing.

TicTacToe Game

October 2024

- Designed and implemented a graphical user interface (GUI) for a Tic-Tac-Toe game using Java and Swing, enhancing user experience through an interactive layout.
- Applied object-oriented programming principles to create a modular architecture, facilitating easy maintenance and future enhancements.
- Developed game logic to determine winners and handle ties, employing algorithms for checking winning conditions across rows, columns, and diagonals.

WORK EXPERIENCE

Residential Assistant

July 2024 – Present

Gladding Residence Center

Richmond, VA

- Implemented educational programs focusing on personal development topics such as study skills, time management, and stress management.
- Facilitated team-building exercises among roommates or suitemates will not only foster a sense of community within the residence hall but also help develop essential interpersonal skills and strengthen relationships.
- Provided guidance to 36 first-year students transitioning into college life to aid in student success and professional development.

STUDENT ORGANIZATIONS

National Society of Black Engineers member, VCU

August 2024 - Present

- Actively participated in various programs and events hosted by NSBE, enhancing professional development and networking opportunities.
- Engaged in community outreach initiatives aimed at promoting STEM education and inspiring underrepresented youth.

Developing Men of Color, Committee Member IT Club, VCU

August 2023 - Present

- Organized IT panels featuring DMC alumni who have secured full-time jobs in the IT sector, providing insights and guidance on navigating the industry and achieving success.
- Engaged in outreach efforts to recruit and support individuals from underrepresented backgrounds, promoting diversity and equity within the organization and the broader community.