Abel Samson

(703)438-1053 | abelsamson888@gmail.com | http://linkedin.com/in/abel-samson-8a6727329

Objective

Passionate Computer Science student with practical experience in programming and a keen interest in software development. Seeking a summer 2025 internship that leverages my coding and problem-solving skills to contribute to innovative projects. Committed to continuous learning and applying theoretical knowledge to real-world challenges in a fast-paced environment.

Education

Virginia Commonwealth University, Richmond, VA   Expected Graduation: **May 2027**
Bachelor of Science in Computer Science
Concentration: Cybersecurity
Ruth Cheatham Foundation Scholar- A prestigious award granted to a selected group of 200 students for exceptional academic achievement and leadership.
CodePath Technical Interview Prep Course – An advanced training program focused on data structures, algorithms, and technical problem-solving for software engineering interviews.
GPA: 3.1/4.0
Technical skills: Java, Python, HTML, CSS, JavaScript, SQL, IntelliJ, Linux, Windows, Visual Studio Code, Data Structures, Algorithms, Project Management
Language skills: Fluent in English and Amharic

Relevant Courses

Computer Systems, Programming Languages, Fundamentals Software Engineer, Discrete Structures, Intro To Theory of Computation, Calculus 2

Engineering Projects

Website Self Portfolio, Link: https://abelsamson1.github.io/Self-Portfolio/   **January 2025**
- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase my skills and experience, implementing responsive design, interactive navigation, and integrated key personal links including About Me, LinkedIn, GitHub, and resume, making it easy for visitors to access my work.
- Programmed interactive features such as animated transitions, hover effects, and smooth scrolling to enhance usability and user engagement.

Plane Efficiency, Introduction to Programming   **VCU, Spring 2024**
- Innovated multiple methods to handle and process plane data, including string parsing, multi-dimensional array manipulation, and dynamic resizing of result arrays.
- Conducted thorough testing using different data inputs to ensure robustness and accuracy in the calculations and results.

Other Work Experience

Deckhand Associate, City Experiences by Hornblower, Alexandria, VA   **June 2024 - Seasonal**
- Assisted in the operation and maintenance of vessel systems, including monitoring technical equipment and ensuring optimal performance of navigation and safety systems.

Student Organizations & Involvement

Management Leadership for Tomorrow   **December 2024 - Present**
- Highly competitive, rigorous professional development program focused on leadership, career acceleration, and personal branding

National Society of Black Engineers, Member   **September 2023 - Present**
- Attended workshops, seminars, and networking events to strengthen technical skills, build professional connections, and explore opportunities in engineering careers.

Developing Men of Color, Member   **September 2023 - Present**
- Collaborated with a diverse team of peers to promote academic success, personal development, and leadership among men of color on campus.
- Volunteered in organizing the annual DMC Mixer, which featured workshops on professional development, networking, and cultural identity, attracting over 200 participants.

Ethiopian Student Union, Treasurer   **September 2023 - Present**
- Assisted in organizing the Annual Ethiopian Cultural Festival, which celebrated Ethiopian heritage through music, dance, and traditional cuisine, attracting over 300 attendees from the campus and local community.