

Samuel Sarzaba

123-456-7890 | johndoe@gmail.com | linkedin.com/in/john-doe | github.com/johndoe

EDUCATION

Virginia Commonwealth University, College of Engineering

B.S. in Computer Science

GPA: 4.00

Richmond, VA

Expected May 2025

Dean's List (2023 - Present)

Relevant Coursework: Advanced Data Structures | Discrete Structures | Algorithm Analysis | Operating Systems | Theory of Computation | Linear Algebra | Software Engineering | Data Communication | Computer Organization

SKILLS

Programming Languages: Java | JavaScript | Python | C/C++ | HTML | CSS | Rust

Libraries: CustomTkinter | Pandas | Matplotlib

Design & Prototyping Tools: Figma | Adobe Products | Svelte | Microsoft Visio

PROFESSIONAL EXPERIENCE

Computer Science Teacher Assistant

Jan 2024 – Present

Virginia Commonwealth University

Richmond, VA

- Improved overall student performance and engagement by mentoring over 100 students, leading to significant improvements in lab and project results.
- Accelerated task completion rates among the team by directing migration from outdated management platform to Asana, streamlining task delegation and communication.
- Elevated average student scores by 15% through insightful feedback on assignments.
- Collaborated with the professor and team of teacher assistants to efficiently organize work distribution, ensuring timely task completion.

Laboratory Technician Intern

Jun 2023 – Aug 2023

Mirion Technologies

Norfolk, VA

- Achieved over 99% accuracy in product accuracy through precision and utilization of large tissue formulation library.
- Ensured optimal experimental conditions by assisting in the preparation and calibration of laboratory data apparatus, contributing to the reliability and accuracy of research outcomes.
- Enhanced lab efficiency by 20% through collaboration with senior researchers in developing tissue substitutes.

PROJECT EXPERIENCE

MegaHack, VCU

Jan 2024

- Secured Runner-Up among over 150 participants and 40 teams at a 24-hour hackathon, as part of a 4-member team in Smart Health, by developing an innovative health tracking app.
- Boosted user engagement and accessibility through crafting an intuitive interface for health data visualization.
- Demonstrated technical expertise and teamwork by using Python and API integration to deliver essential functionalities.

YouTube Video Extractor

Nov 2023 – Present

- Developed a user-friendly Python GUI for downloading YouTube videos, focusing on intuitive design and accessibility to increase user adoption.
- Optimized format conversion speed by 40% using Python libraries for efficient content scraping and stream processing, reducing system resource utilization drastically.

EXTRA CURRICULAR ACTIVITIES

Competitive Coding Club, VCU

Oct 2022 - Present

- Significantly improved implementation and runtime efficiency and agility by mastering sophisticated algorithms and data structures.
- Elevated coding expertise and algorithmic proficiency through devising innovative solutions.

Linux User Group, VCU

Jan 2024 - Present

- Conveyed accessibility and understanding of open-source software for students by developing and distributing beginner-friendly guides and resources on GNU/Linux.
- Led educational initiatives to advocate for the adoption of free software and open-source applications, resulting in increased awareness and usage among the student body.