Alex Kem

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EDUCATION

Virginia Commonwealth University
Bachelor of Science, Concentration: Software Development | Minor: Business   **2022–2025**
Richmond, VA
Relevant Coursework*:* Data Structures and Algorithms, Operating Systems (C and Unix), UI/UX Design, Databases.

J. Sargeant Reynolds Community College
Associate of Science, Computer Science   **2020–2022**
Richmond, VA

SKILLS

- **Programming Languages:** Java, Python, JavaScript, C, C++, HTML/CSS
- **Tools & Frameworks:** SQL, Git, Linux, Flask, REST APIs, Vim
- **Platforms:** Windows, Linux

PROJECTS

Java Command-Line Calculator   **August 2021**
- Created a fully functional calculator terminal application to solve math problems in Java.
- Includes basic operations such as addition, subtraction, multiplication, division, modulus, and exponents.
- **Tech Used:** Java

MiniCircuit AI Viewer   **December 2024**
- Developed a web-based AI tool that uses a custom-trained YOLOv8 model to detect and locate electronic components in circuit diagrams.
- Building an interface using Streamlit, allowing users to upload circuit images and view annotated outputs with bounding boxes and confidence scores.
- **Tech Used:** Python, YOLOv8, Streamlit, OpenCV

Personal Website   **May 2025**
- Designed and developed a fully responsive personal portfolio website to showcase technical projects and resume.
- Integrated GitHub, LinkedIn, and Streamlit-hosted project links to increase online visibility.
- Implemented smooth navigation, custom styles, and embedded project demos using HTML/CSS.
- **Tech Used:** HTML, CSS, JavaScript, GitHub Pages

WORK EXPERIENCE

Amazon
Warehouse Associate   **2020–2022**
Ashland, VA

- Managed inventory sorting, scanning, and pallet stacking to fulfill customer orders with accuracy.
- Operated handheld scanners and printers to track packages and ensure precise logistics.
- Maintained a clean and safe warehouse environment under strict time constraints.
- Demonstrated consistency, attention to detail, and ability to work effectively in a team.