

Alex Kem

kema@vcu.edu | <https://www.linkedin.com/in/alex-kem/> | <https://github.com/alexkchem> | (804)-437-4840

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.