

Ash K. Voss

Pulaski, VA 24301

akvautomation@mailfence.com

<https://akvautomation.neocities.org>

Summary

Enthusiastic, detail-oriented industrial automator close to completing an associate degree. For capstone project, upgraded a mill load/unload robot cell.

Skills

- FANUC and ABB industrial robots
- Rockwell and Siemens programmable controllers and HMI panels
- Distributed control system integration
- Electrical, mechanical, pneumatic, and hydraulic troubleshooting
- Attention to detail
- Works well either alone or in a team, even under time pressure

Education

Associate of Arts & Sciences

Instrumentation & Control Automation

New River Community College – Dublin, VA

Expected to graduate May 2024

- Completed senior project integrating tool-changeable robot with PLC, HMI, remote I/O, and milling machine. Rewrote all programs and replaced worn-out components.
- Troubleshoot and rewrote programs for an eight-PLC miniature assembly line.
- Possess almost all skills, just one class remaining to graduate.

High school diploma

Blacksburg High School – Blacksburg, VA

Graduated May 2017

Employment History

Cashier

Kroger – Blacksburg, VA

July 2018 – November 2021

- Operated cash registers including self-checkouts.
- For a time, was the overnight cashier.
- Assisted customers and helped train new employees.



- Stocked merchandise, bagged groceries, and moved shopping carts inside.
- Emptied trash and cleaned restrooms.

Crew Member

Wendy's – Blacksburg, VA
June 2016 – September 2016

- Served customers.
- Prepared food and drinks.

Related Experience

FIRST Robotics Competition

Team #401 Copperhead Robotics
Programmer in 2015, 2016, and 2017 seasons

- Wrote and revised robot software on a tight schedule using Java and LabVIEW.
- Coordinated work with hardware subteams.
- Represented team at two FIRST World Championships.
- Mentored rookie team members.
- Specialized in advanced motor control including autonomous driving.