

Alex Kinch

B.S. Electrical Engineering

I want to gain experience and learn new things. Use my education to program PLC's and draw electrical schematics.

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call (330) 419-4284

location Wadsworth, Ohio

SKILLS

AutoCAD
Fusion / Eagle

Solidworks
C Language

Python
VHDL

KiCAD
EasyEDA

Linux
Microsoft Office

EDUCATION

B.S. Electrical Engineering

University of Akron 2022 – 2026 (expected)

- Williams Honors College
- Current GPA: 3.89

EXPERIENCE

Electrical Engineering Co-Op

GPD Group Summer 2024, Summer 2025 Akron, Ohio

Keywords: Substation, Design, AutoCAD

- Learned AutoCAD and Raster tools
- Took engineer markups and made changes to drawings
- Worked closely with other electrical engineers to follow standards
- Did design work to add capacitor bank and Cap Switcher to substation

Apprentice Industrial Electrician

Webb-Stiles Company Summer 2023 Valley City, Ohio

Keywords: Electrical panels, disconnects, junction boxes

- Worked with Electrical Engineers to build panels
- Cut DIN rails for electrical panels and assembled junction boxes
- Wired up electrical panels, labeled all wires, read electrical schematics in the process
- Other jobs that needed to be done around the shop

OTHER ACTIVITIES AND PROJECTS

Tau Beta Pi Honors Society

from Spring 2024 – Chapter VP Position

3D4E Club

from 2022 – President, Treasurer Positions, Presented on Solidworks

signed Arduino PCB in KiCAD

NASA Robotics Team

from 2023 – PCBs, schematics

Electronics Club

from 2022 – Treasurer Position, de-

Amateur Radio

from 2015 – SARA Club (W8WKY), UAARC (W8UPD), Treasurer Position

HONORS OR AWARDS

Dean's List

Fall 2023-Fall 2025 – Recognizes a semester with a GPA greater than 3.8.

President's List

Fall 2022, Spring 2023 – Recognizes a semester with a 4.0 GPA.

CERTIFICATIONS OR LICENSES

Amateur Radio License

from 2015 – Amateur Extra, FCC, Volunteer Examiner

VOLUNTEER POSITIONS

VEX Robotics Judge

Spring 2024, Fall 2024, Spring 2025, Fall 2025 – Interviewed

robotics teams, read through engineering notebooks, handed out awards to qualifying teams

LANGUAGES

English
Mother tongue

Spanish
Basic knowledge

German
Basic knowledge

AVAILABILITY

Summer 2026