

ALEC FOX

**WEBSITE:** <https://alec42fox.github.io/>

Looking for Internship / Entry-level Engineering positions (Computer, Software, Electrical)

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## **SUMMARY**

- **Electrical and Computer Engineering student with proven track record of prior projects and customer service roles show experience, communication, and problem-solving skills.**
  - **Eager to apply technical skills and learn automation technologies and industrial engineering practices.**
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## **STRENGTHS**

- Technical skills:
    - Hardware: Microcontrollers (Pi), AutoCAD, Fusion360, Superslicer, lasercutter
      - VEX robotics clubs throughout high school and college
    - Software: C++, Typescript, MATLAB, NodeJS, ThreeJS, Python, VS Code, Git.
    - Data: Sheets/Excel, SQL
    - Finance: Bloomberg BMC
  - Personal Traits:
    - Meticulous, analytical, organized, articulate, sociable
  - ECET Electrical and Computer Engineering Tech major, est. 2026
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## **RELEVANT EXPERIENCE**

- **Lexer, Parser, and Interpreter:** Developed from scratch in C++
- **UI/UX & HMI Projects:** Personal software projects using NodeJS and ThreeJS
- **Machining Projects:** Designed and fabricated a custom music box from sheet metal in 1 month, using AutoCAD and slicer for design, a 3d printer, and laser cutting for custom parts.
- **Vex Robotics:** Contributed to multiple VEX robotics teams throughout high school and college.

## **ADDITIONAL EXPERIENCE**

BS ECET at Albert Dorman Honors NJIT, NJ – est. 2026

Customer Service:

- Amazon, June 2021 to August 2021
    - Rotating night shift schedule responding to emergency tasks.
  - Chipotle Mexican Grill, July 2022 to December 2022
    - Demonstrated and improved communication skills.
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*US Citizen with full work authorization.*

*Interested in Software development and FinTech. BMC certified.*