

Ben Holland

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Education

The University of Akron (3 semesters)

B.Sc. in Biomedical Engineering

GPA: 4.00

Akron, Ohio

September 2023 – December 2024

Kent State University

B.Sc. in Computer Science

GPA: 3.16

Kent, Ohio

September 2015 – May 2020

Highland High School

Medina, Ohio

September 2011 – May 2015

Experience

Undergraduate Research Assistant

BioEngineering for Translational Applications Lab

<https://www.beta-lab.org/>

Akron, Ohio

February 2024 – Present

- Designed & fabricated a novel pulse duplicator system.
- Programmed a Raspberry Pi with Python to control breadboard circuitry.
- Used 3d modeling and resin printing to create needed structures for the system.
- Read and analyzed research papers. Edited and created graphics for our lab's proposals, abstracts, and research papers. Assisted with colleagues' projects.

Pharmacy Technician

CVS

Akron, Ohio

December 2023 – February 2024

- Filled prescriptions, returned medication to stock when needed.
- Answered calls, handled health insurance issues, managed refills.
- Assisted customers with prescription pickup.

STNA

O'Neill Healthcare

Lakewood, Ohio

December 2022 – December 2023

- Assisted residents with activities of daily living, including meals, dressing, catheter and colostomy bag care, transfers, ambulation, and hygiene needs.
- Assisted nurses as directed, including wound care and taking resident vitals.
- Worked some shifts as a dietary aide, preparing trays and desserts for residents with dietary restrictions and dysphagia.

Activities

Volunteer – Greater Cleveland Food Bank

- Performed tasks like hot food prep, donation intake, and distribution.

Cleveland, Ohio

March 2022 – September 2023

Freelance and open source programming

- Contributed to and created open source projects.
- Redesigned websites and web apps for several businesses.

July 2017 – Present

Additional

Language Skills: German at the A2 level. Working towards proficiency in Farsi and

Programming languages: Python, C++, JavaScript, HTML, CSS

Technical skills: Circuit and PCB design, soldering, visual design using vectors, 3d modeling and printing.

Hobbies: Playing music on the drum set and guitar, cooking.