

## Quinnlan Hipp

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### Education

The University of Toledo, Toledo, Ohio

August 2018 – December 2022

#### Bachelor of Science: Computer Science and Engineering

- Grade Point Average: 3.23

### Engineering Experience

Franklin Monument, Norwalk, OH

June 2023 – Present

#### Frontend Developer

- Utilize React, TypeScript, and Tailwind CSS for a web application for order processing.
- Design and develop responsive UIs using various React libraries.
- Collaborate as a team to solve problems while maintaining a cohesive work environment.

Norwalk High School, Norwalk, OH

December 2022 – June 2023

#### Long-Term Substitute Teacher

- AP Computer Science, Computer Science Principles, Algebra II Teacher.
- Utilized Java and Python to write programs.
- Taught material aligned with the APCS curriculum.
- Created lesson plans and differentiated instruction.

CloudCME, Sandusky, OH

January 2020 – May 2022

#### Software Developer Intern

- Completed multiple project assignments in VB.net.
- Learned and worked in an agile environment incorporating JIRA and Asana.
- Worked with Microsoft SQL Server Management Studio to create and modify stored procedures.
- Imported and created custom templates using Frevvo forms.
- Researched and developed coding projects and presented a technical presentation for implementation.
- Tested code and sites as part of the Quality Control process for implementation to a production environment.

### Project Experience

#### Senior Design Project

- Worked in a small group to create a prototype portable CPR machine designed to assist in the administering of chest compressions.
- Conceptualized device ideas and amended design to remain within the limited budget.
- Programmed an Arduino board to drive a linear actuator at required rate for effective CPR.
- Assisted in the circuit design and build process.

#### Hotel Point of Sales Interface

- Efficiently coordinated meetings to discuss progress and pair program as a team.
- Gathered and formulated requirements to define a project plan and scope.
- Designed the user interface for the application.
- Planned and designed UML diagrams: swimlane, use case, class, ER, activity.
- Developed hotel POS interface that allowed the user to create, edit, and delete reservations, store and load data from a database, and print various reports to a text file.

### Technical Skills

- ReactJS
- C++/C#/C/Java/JavaScript/HTML/CSS/.NET
- PLC (Allen Bradley & Siemens)
- Github subversion
- Translating technical jargon to non-developer stakeholder