

Kathryn E. Harry

5809 W Fountain Circle
Mason, Ohio 45040
567-250-0691
Kathryn.E.Harry@gmail.com

Experience

FIS, Software Developer, Cincinnati OH

Jan 2019 – Present

- Collaborate on an agile team with developers across the world
- Analyze user requirements and create design documentation
- Design, implement, and test user friendly UI with an efficient back end
- Communicate across teams to ensure requirements are met

Lampros Labs, Front End Developer, Covington KY

Aug 2017 – Aug 2018

- Worked directly with small business owners to design and develop websites
- Learned front end and UX best practices from senior developers and designers
- Proactively sought out new opportunities to assist with new projects

Technical Skills

Languages/Frameworks: C#, C++, Java, ASP.NET MVC, MATLAB, Python

Web Development: HTML/CSS, JavaScript, React, Material UI, PHP, jQuery

Database: Oracle, MongoDB, SQL, PostgreSQL

Embedded Systems: Soldering, Mbed, PCBs, Arduino

Projects

Website Development

- Collaborated with peers to create a platform for students to upload, review, and communicate about specific electronic components to provide more confidence that the parts they order fit their needs.
- Implemented user accounts with email verification, uploading and editing component pages, rating system, comments, search page with filter options, and a search page for professors that have the specialization required for specific projects.
- Technologies used: React.js, Material UI, MongoDB, Postman, Python, Django, PostgreSQL

Game Development

- Designed, developed, and tested a 2D local multiplayer side scrolling platformer with a tutorial and two levels.
- Technologies used: Unity, C#

Embedded Systems

- Researched necessities for automated aquarium and used that research to design a plan and select components to suit the project's needs.
- Utilized a DC motor and water level sensors to remove dirty tank water and replace with fresh water.
- Implemented an automatic lighting system using the PCB's internal clock and tracked the temperature of the tank, alerting the user when it was outside the normal range using a temperature sensor and buzzer.

Education

University of Cincinnati, Cincinnati, Ohio

May 2021

- Bachelor of Science, Computer Engineering

GPA 3.8