

Joey Hurley

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EDUCATION

University of Kentucky

*Bachelor of Science in Engineering, Computer Engineering
Minor in Mathematics and Computer Science*

Expected May 2023

Lexington, KY

- Taken 91 credit hours
- Campus Involvement: Association for Computer Machinery, CatHacks (*Winner*), Engineering Living Learning Program, Esports club and team

WORK EXPERIENCE

Qdoba Mexican Eats

Grill Cook

Nov 2018–Mar 2019

Louisville, KY

- Ensured the restaurant had enough food to serve throughout the day
- Worked with my shift members to keep the restaurant clean and guest friendly
- Utilized guest service skills to keep the line moving promptly and efficiently

PROJECTS

Arduino Water Turbidity Tester

Design and Project Lead

- Designed a system meant to test different pond water samples to see if pollution and light blocking particles were too much for the pond's ecosystem
- Coded the program necessary to take measurements of light and compare to other measurements in MATLAB
- Wired the circuit to power the light and arduino system
- Created the cardboard testing station to hold the water samples and accurately block outside light

Cyberpunk 2021 - Best First Time Hack at CatHacks

Design Lead

- Worked with a partner in a 48 hour span using Unity and C# to script the game
- Designed the map layout for the game and created scripts to control the player and enemy movement

RELEVANT COURSEWORK

- **Mathematics:** Calculus 1 and 2, Discrete Mathematics
- **Sciences:** Physics 1 with Lab and Chemistry 1
- **Programming:** Intro to program design and abstraction (C++), Intro to software engineering techniques (C++), Systems Programming (C), Fundamentals of Engineering Computing (MATLAB)
- **Hardware:** Design of Logic Circuits
- **Communication:** Composition and Communication 1 and 2

SKILLS

- **Programming:** C, C++, C#, HTML, CSS, MATLAB, JavaScript, Visual Studio Software, Unity
- **Creative Design:** Adobe Photoshop, Adobe Illustrator, Adobe Indesign, Sketching