Isaac Lockwood

Software Developer

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(270) 970-9602

ABOUT ME

Insightful computer science student who excels at Java and C#. Seeking a software development internship to increase my knowledge within the field. Will finish my senior year in May and have maintained a 3.2 GPA throughout the Computer Science degree. Well-versed in agile methodologies and working in both independent and team-based capacities. Comfortable switching between architecture, design, and implementation. Eager to contribute dynamic programming to any type of development projects.

EDUCATION

Western Kentucky University | M.S. Computer Science

Aug 2020 – May 2024 | Bowling Green, KY | 3.2 GPA

Completed Java development courses in computer science with coursework including Data Structures, Database Management Systems, Internet Security, and Software Engineering. Wrote multiple papers over the efficiencies of updated systems and designed an SQL Database.

EXPERIENCE

Graves County High School | Help Desk Technician

Aug 2019 – May 2020 | Mayfield, KY

One of the main sources of technical help across the county, aiding with hardware problems across many different devices along with software problems that occurred on the networks. Responsibilities include dismantling and rebuilding laptops, dissecting laptops and PCs to find hardware issues, and troubleshooting software to find errors and fixing them.

LANGUAGES

- Java
- MySQL
- Python
- HTML
- CSS
- C#

TOOLS

- Visual Studio
- Word
- Excel
- Access
- MySQL Workbench
- Unity
- Eclipse IDE

AWARDS

- FBLA State Computer Game and simulation 1st Place
- FBLA National Computer Game and Simulation Contender
- FBLA State 3D Animation 4th Place
- PlayVS eSports Fall State Finalist
- PlayVS eSports Spring State Finalist
- FBLA National Community Service Award

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PROJECTS

Out Run Remake

Project lead for the remake of the 1986 Sega game Outrun. For this project we had a team of four who were all assigned different objectives throughout the sprint cycles. I was lead engineer and programmed the game using C#. The code that I created allowed for the different player states, the spawning of the obstacles and other players along with the map generation and physics. We also created a document that followed us through the sprint cycles describing the different design patterns used and our activity throughout the sprint.

WKUTech

WKUTech is my take on a FINTECH web application. Its main page includes a post-comment system where users can upload a discussion topic and other users can comment. There is also an expenses page where users can track their expenses and income to make sure that they don't exceed their income. This was coded using the Django framework of Python along with some JavaScript to incorporate the charts and graphs. The code allowed for users to log in a save all their data onto their account and allowed the ability to view other users accounts along with what they had contributed.

SQL Banking Database

A three-man team whose task was to create a banking application that would take in information and display banks, their customers, and what their customers had purchased along with the costs with MySQL. I oversaw the code that displayed all the costs and sorted them while also collecting the averages and grouping them together with the organizations that they were under.