Lulseged Admasu

Highland Heights, KY 41076 | (859)-750 6308 | lulsegedwork@gmail.com |

GitHub | LinkedIn | LeetCode

EDUCATION

Northern Kentucky University, Highland Heights, KY
Bachelor of Science in Computer Science, GPA: 3.8/4.0
- Relevant Coursework: Object Oriented Programming I and II, Data structures and algorithms, Web Development, Introduction to Networks and Data Communication, Advanced Programming, Operating Systems, Computer Systems, Database Programming

RELEVANT WORK EXPERIENCE

Research Assistant, **NKU College of Informatics**   Jun 2021– Dec 2021
Working on creating a virtual classroom with IOT including a Raspberry PI on a team of 3 people.
- We were able to make camera switch by installing movement and face detection.
- We were able to live stream whatever feed we got from the PI onto our own website.
- I designed website using HTML/CSS/JavaScript and helped with python code used for server-side processing.

PROJECTS

TicTacToe App, College Project
Client-Server Game | **Java**
  Made TicTacToe game using client and server-side processing. This would allow multiple games to be played at once.
- The game works by sending text messages that encode the move of a player from server to client and vice versa.
- Learned to use the Socket library to establish a connection and handle client-server communication
- Learned to use the 'io' library for output and input stream

Check out the project at → TicTacToe-Client and TicTacToe-Server

Hospital app, College Project
A hospital administration software | **C++**
  Made use of console to mimic a hospital administration app.
- Created at least 10 functions that a user could call to do something like add patient, treat them or get a report.
- Created a cool user interface even if it was just print statements.

Check out the project at → Hospital

Web Based Flappy Bird, MakeUC 2021
Web Game | **HTML, CSS, JavaScript**
  Made a website version of flappy bird
- Learned to use HTML and CSS to create the layout of the game and added in animation that repeats
- Learned to use JavaScript to detect the intersection between bird (the jpg) and the tube (the boxes made via CSS).
- Learned to add music to the game that auto plays when the user starts the game using JavaScript
- Learned to add a score counter using JavaScript

Check out the project at → Flappy-Bird

Technical SKILLS
- Language: Java, Python, HTML, CSS, JavaScript, C++
- Programs: IntelliJ, Visual Studio, Visual Studio Code, CLion

LEADERSHIP & INVOLVEMENT

Resident Assistant, **NKU Office of University Housing**   Aug 2021 —Present
- Create a learning living community that is in line with the standard of housing office

President and Founder, **Programmer's Playground Club**   Nov. 2018 - March 2019
- Taught at least 33 students from my high school about the basics of Java.

AWARDS & HONORS

Certificate of Very Great Distinction, **Ethiopian Ministry of Education**
NKU President's Honors List & Dean's Honors Lit, **NKU**
Certificate of Participation in ICPC, **College of Informatics**