

Malik Wesley

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EDUCATION

University of Alabama in Huntsville - Expected grad. May 2024

Huntsville, AL

- *B.S degree in Computer Science, Minor: Mathematics*

Aug 2020 - present

CS Courses Taken: C programming, Data Structures, Intro to Java, Object Oriented with Java,

Comp. Ethics, Tech Multimedia & gaming. Intro to Discrete Structures, AI and Game Development and Intro to Game Des/Dev.

East Lawrence High School

Trinity, AL

- *General Education - Diploma*

Aug 2017 - May 2020

CS Courses Taken: Direct Current, Alternating Current, Digital Electronics, Semiconductors,

Computer Coding, Robotics, Band.

SKILLS SUMMARY

Computer Languages: C, C++, C#, CSS, Java, Python, RobotC, Lua, HTML, MySQL, JavaScript, .NET, Docker, AWS.

- **Trad. Languages:** Japanese - *beginner*.

- **Prog. Familiarities:** phpMyAdmin, Photoshop, Matlab, Mech. Design CAD, Blender, Gits, VCS, IntelliJ, Docker, Linux

- **Comp. Skills:** Soldering, Computer Assembly, Circuit Debugging, Circuit Configurations.

EXPERIENCE

Booz Allen Hamilton

Hybrid

- *Summer Games Intern - Software Engineer*

Jun 2023 - Aug 2023

I spearheaded a 10-week project simulating a real-world accelerator to develop an inventive device capturing human poses through obstacles using RF signals. I led the integration of 802.11n wireless signals to extract Channel State Information, then channeled this data into a refined R-CNN model, resulting in an accurate 18-point skeletal representation. My role encompassed algorithm design, Linux-based data processing, model training, and UI development. Collaborating across disciplines, I optimized the solution for a Nano Jetson board and presented it compellingly, showcasing not only my technical proficiency but also my innovation, teamwork, and communication skills.

NeonLink

Remote

- *Server Management - Developer*

Aug 2018 - Aug 2022

I embarked on a personal project by establishing a dedicated machine server for Garry's Mod, igniting my passion for high-caliber programming. This endeavor motivated me to delve into a range of programming languages to elevate user engagement within the server environment. I harnessed my skills in MySQL for optimizing server performance, developed websites for donation purposes, integrated licensed forums, and more.

Daikin

Decatur, AL

- *Ambassador*

Apr 2019 - Jul 2019

According to being selected for the Daikin Homestay Program, All attendees were required to go through a 3-month preparation process to travel to Japan as an Ambassador of Daikin America. This 3-month process gave me skills of communication in Japan as a foreigner. This also gave me skills in the cultural adaptiveness of Japanese ethics. The attendees were also required to give a presentation speech about their experience while in Japan in front of major political & government figures in Alabama.

ACHIEVEMENTS

- 2018 Alabama State SkillsUSA (vex. spons) - 3rd Place in Mobile Robotics | 2 member team
- 2019 Alabama State SkillsUSA (vex. spons) - 1st Place in Mobile Robotics | 2 member team
- Attendance in 2019 National SkillsUSA - Mobile Robotics | 2 member team
- Student Honors - Lawrence County
- Selected as an Ambassador for the 2019 Daikin 2019 Japanese - Lawrence County District

CERTIFICATES

- **OSHA:** Construction Safety & Health

exp. 2018 - 2023

- **Diploma:** East Lawrence High School

exp. 2020 - N/A