

# MALAYA WILBURD

Aspiring Software Engineer

## SUMMARY

Ambitious Computer Science student, driven by a genuine passion for problem-solving and adept at applying theoretical knowledge to real-world challenges. Through structured academic programs and hands-on coding initiatives, I've gained practical experience in web development, database design, and algorithmic thinking. I'm actively seeking opportunities to further develop my technical expertise and make meaningful contributions in a collaborative and innovative environment.

## EDUCATION

### Arkansas Tech University

Bachelor's Degree in Computer Science (2022-2026)

Associate's Degree in Information Technology (2022-2024)

## PROJECTS

### RapidRoute: AI for Accelerated Mental Health Triage in Veteran Care, Team Member | 2025

- Designed and prototyped RapidRoute, an AI-powered triage system to accelerate mental health care access for adult veterans.
- Utilized Natural Language Processing (NLP) and predictive modeling to identify and prioritize higher-risk cases from remote, asynchronous assessments.
- Focused on improving timely access to care while maintaining clinical accuracy, privacy, and enabling clinician oversight.

### Personal Portfolio Website | 2025

- Designed and developed a responsive personal portfolio website utilizing React.js for dynamic user interfaces and Next.js for optimized performance and SEO.
- Showcases a comprehensive collection of development initiatives, certifications, education.
- Engineered with a focus on clean design, intuitive navigation, and a seamless user experience across various devices.

### Rental Property Management System (MySQL) | 2025

- Designed and built a normalized database system using MySQL to track properties, tenants, rent, and expenses across multiple companies.
- Engineered for scalability and robust reporting capabilities.

### C++ Interactive Adventure Game | 2024

- Designed and developed a fully interactive, jungle-themed text adventure game using object-oriented programming in C++.
- Implemented custom classes for scalable gameplay logic and dynamic user interaction.
- Developed a robust command parser to handle diverse user inputs, actions, and item interactions.

### Flappy Bird Clone - Unity (C#) | 2024

- Developed a Flappy Bird-inspired game utilizing Unity and C#.
- Implemented core game mechanics including physics, collision detection, and a scoring system.
- Designed responsive UI elements and optimized gameplay for smooth performance.

### NIST JARVIS Project, Team Member | 2023

- Contributed to JARVIS, a NIST repository focused on automating materials discovery and optimization.
- Constructed and analyzed a dataset for bulk materials using Python and classifier algorithms (AdaBoost, SGD, KNN) to investigate the relationship between bandgap and crystal structure.

## SKILLS

**Programming & Web Development:** C++, HTML/CSS, JavaScript, Java, React, Express.js

**Database Management:** MySQL, Database Design & Analysis, Normalization, SQL Querying

**Software Development Principles:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Engineering Principles

**IT Support & Systems:**

- Operating Systems:** Microsoft Windows, Linux
- Productivity Suites:** Microsoft Office 365, Google Workspace
- Network Fundamentals:** Wired & Wireless Networks, VPN Support, Network Troubleshooting
- Hardware & Peripherals:** Peripheral Device Support/Troubleshooting
- Problem-Solving & Analysis:** Algorithmic Thinking, Data Analysis, Root Cause Analysis, Technical Troubleshooting

**Professional & Interpersonal:** Exceptional Communication, Customer Service, Interpersonal Skills, Problem Solving, Analytical Thinking, Attention to Detail, Independent Work, Team Collaboration, Adaptability, Time Management, Quick Learning

## CERTIFICATIONS

- Certificate of Proficiency Computer Programming
- Certificate of Proficiency Mathematics
- Certificate of Competency Building LLM Applications With Prompt Engineering

## PROFESSIONAL EXPERIENCE

### Stealth Security | Web Developer | Currently Developing

Developing a high-performance, responsive website aimed at enhancing critical business functionalities and user experience. (Remote)

### Top Choice Auto Group | Salesman/Office Assistant | 2022 - Present

Cultivated strong customer relationships while providing personalized vehicle selections, consistently achieving sales objectives. Efficiently managed all backend administrative processes, including title transfers, financing documentation, and billing. (Family business, part-time during during breaks.)

### Miracle Hands | Caregiver 2022 - Present

Provided compassionate and personalized care to clients, assisting with daily living activities, meticulously monitoring health conditions, and fostering positive client communication and well-being. (Family business, part-time during breaks.)

### Superior Smell Cleaning Services | 2019 - 2020

Executed comprehensive residential cleaning services, consistently ensuring a pristine environment and high client satisfaction. Managed time effectively to address diverse client preferences. (Family business, part-time during school/full time on breaks.)