IZUM ADNAN

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TECHNICAL SKILLS & QUALIFICATIONS

- **Programming & Tech Proficiency:** Proficient in Python, C, C++, PHP, JavaScript, HTML, CSS, and tools such as R. Skilled in Microsoft Office Suite and virtual meeting platforms like Zoom and Teams.

- **Database Mastery:** Expertise in MySQL and MS Access with experience in intricate data modeling.

- **Adaptable & Detail-Oriented:** Thrives in dynamic settings with a keen eye for detail and a rapid learning curve.

- **Collaborative Excellence:** Proven ability to collaborate and communicate effectively to complete projects with precision.

- **Relationship Builder:** Expertise in building strong relationships with both internal and external stakeholders.

- **Efficiency Expert:** Mastery in task management and prioritization, ensuring timely and high-quality project completion.

- **Clear Communicator:** Renowned for translating complex concepts into easily understood insights.

- **Dedicated & Analytical:** A 3rd-year Bachelor of Science student at Western University, specializing in Computer Science with a passion for problem-solving.

EDUCATION

Bachelor of Science – Honors Specialization in Computer Science   September 2021 - Present
Western University, London, Ontario

- **Relevant courses:** Operating Systems, Object-Oriented Design & Analysis, Computer Organization, Organization of Programming Languages, Analysis of Algorithms, Discrete Structures for Computing, Data Structures & Algorithms, Software Tools & Systems Programming, Computer Organization & Architecture, Applied Logic for Computers, Introduction to Software Engineering, Computer Science Fundamentals II, Information Systems and Design, Computer Science Fundamentals

RELEVANT WORK EXPERIENCE

AI Developer – Western AI   September 2022 - March 2023
Western University, London, ON

- Pioneered the creation of a sophisticated AI-driven bot along others for the esteemed video game "Counter-Strike." Leveraged Python to enhance the bot's pathfinding algorithms, ensuring smoother navigation and more strategic gameplay. This innovative integration of Python into game development was a standout, earning accolades during a multi-university conference in March 2023.

Program Development for Deloitte Regional Manager   June 2020 - March 2021
Deloitte, Oman, Muscat
-   Designed a digital solution to organize employee timesheets, using HTML, Php, SQL, and CSS to calculate all chargeable hours for employees, relieving the manager of a burdensome manual task and strengthening positive client relations.

Database Management Internship   March 2019 - April 2019
King's College Hospital, Dubai, United Arab Emirates
-   Played an integral role in the Database Management and Marketing teams, gaining immersive insights by shadowing key members. Effectively utilized MS Access for diverse operations, enhancing database efficiency. This hands-on involvement not only honed my technical prowess but also refined my interpersonal skills, enabling seamless communication within a corporate environment.

PROJECTS
Trip Itinerary (Personal Project) – App Development   Ongoing
-   Developing a travel itinerary platform using React and Node.js, focusing on an intuitive UI for personalized travel experiences. Integrating advanced algorithms for theme-based suggestions, positioning the app for leadership in custom travel planning.

Whac-A-Mole Game – Hardware Project   September 2023 – November 2023
-   Collaborated on a team project to innovate a Whac-A-Mole game on Raspberry Pi, focusing on the seamless integration of hardware and software. My contribution involved architecting the game logic and interfacing design, ensuring responsive gameplay via an LED matrix, and devising a scoring system alongside variable difficulty settings. This culminated in a user-acclaimed interactive experience, marked by a notable increase in engagement and replay value.

"IveyHacks X Cyder" Hackathon – Program Development.   March 2023
-   Addressed tangible challenges for the real-world company, Cyder, by analyzing their current system inefficiencies and user pain points. Pioneered a refined feature list to elevate user experience. Devised a robust user adoption strategy with tailored training, ensuring the platform's seamless implementation and user engagement.

Western Geographic Information System– Web Application   September 2022 – December 2022
-   Leveraged Java, JavaFX, Maven, Netbeans, and JSON to craft an application that integrates Western's map database for interior building exploration, complemented by real-time weather updates through seamless OpenWeather API integration, enriching user experience**.**

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Certificate in Software Engineering with Specialization in Back-End Development. IBM	2023
Honors Certificate - Java and Software Engineering Specialization. Duke University	2022
CS50 - Game Development Certificate. Harvard University Online	2021

ACHIEVEMENTS

Participant - "IveyHacks X Cyder" Hackathon. Western University, London, ON	2023
Honors with Distinction - Java and Software Engineering Specialization. Duke University	2022
Placed 2ⁿᵈ – "Project Valorant". Canadian Undergraduate Conference on Artificial Intelligence	2022