Zaid Wesam Tawalbeh

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EDUCATION

Bachelor of Science (B.Sc.) Jordan, Irbid
Expected: Sep, 2027

Major in Robotics & Artificial Intelligence; Minors in Mathematics and Engineering
Cumulative GPA: 3.28/4.0; Dean's List 2024-2025 (First Semester)
Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

Professional Summary

A highly motivated and intellectually curious student pursuing a Bachelor's degree in Robotics and Artificial Intelligence, with a profound enthusiasm for cybersecurity. Possessing a strong foundation in artificial intelligence programming, robotics engineering, and ethical hacking. Adept at problem-solving, critical thinking, and innovative technological solutions. A dedicated CTF player and ethical hacker with a keen interest in cybersecurity and information warfare.

Skills

- Effective Team Leadership
- Advanced Artificial Intelligence Programming
- Proficient Robotics Engineering and Programming
- Ethical Hacking and Cybersecurity Expertise
- Comprehensive Networking Knowledge
- Web Development Proficiency
- Game Development and Software Engineering

Certifications & Training

Cyber Warriors Training Certificate Jordan, Irbid, NCSCJO
May, 2024 – Sep, 2024

- A CTF training for Universities across Jordan
- Organized by National Cyber Security Center (NCSCJO) and a final CTF tournament in Al-Ahliyya Amman University In cooperation with AlHussein Technical University (HTU)

Training Program for Preparing Leaders of Artificial Intelligence and Information Warfare Jordan, Aqaba
Sep, 2024 – Sep, 2024

- Issued by the Ministry of Higher Education and Scientific Research, Egypt

Projects

1. **Flappy Bird Game with AI**
   - Engineered an AI-driven system utilizing the NEAT (NeuroEvolution of Augmenting Topologies) algorithm to autonomously learn and optimize gameplay in the classic Flappy Bird game. Demonstrated proficiency in machine learning, algorithmic optimization, and adaptive neural networks.
2. **Gesture-Controlled Car using Arduino**
   - Developed an innovative, gesture-controlled car utilizing an Arduino Uno R3 as the primary microcontroller and an Arduino Nano integrated within a glove for intuitive control. Implemented wireless communication through HC-05 Bluetooth modules, enabling seamless interaction between the glove and the car. This project showcases expertise in embedded systems, wireless communication, and robotics engineering.

Languages

- **Arabic** – Native Proficiency
- **English** – Professional Working Proficiency
- **Turkish** – Basic Proficiency
- **Russian** – Basic Proficienc