Adam Ibrahim

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CAREER OBJECTIVE

Software Engineering student with hands-on research experience in AI, robotics, and machine learning. Skilled in web development, with a proven ability to manage complex projects and deliver results. Seeking internship opportunities to apply my skills.

EDUCATION

BSc in Computer Science   August 2023 – Present

United Arab Emirates University (UAEU)**, GPA: 4.0/4.0(Dean's List)**

- **Relevant Coursework:** Algorithms and Data Structures, Object Oriented Programming, Programming Labs (Python & Java)

EXPERIENCE

Undergraduate Research Assistant   February 2024 – Present

United Arab Emirates University (UAEU)

- **AI and Robotics Lab -** Designed and built a robotic gripping device for stroke rehabilitation with CAD models, 3D-printed parts, and Arduino-based sensor & motor integration.
- **Solar Panel Cleaning Optimization System -** Developed a Python tool with Scikit-learn to predict cleaning schedules, reducing costs and improving efficiency.
- **Partial Face Recognition Model -** Developing a deep learning model using PyTorch, CNNs, and QAConv to enhance accuracy in occluded conditions.

SKILLS

Technical Skills

Java, Python, JavaScript, React, Node.js, CSS, HTML, AWS, Git, Arduino, Fusion 360, 3D printing, Git, SQL, MongoDB, PyTorch

Interpersonal and Analytical Abilities

Event Planning and Coordination, Persuasive Speaking, Presentation Development and Delivery, Innovative Problem-Solving, Team Leadership and Management

PROJECTS

Joybox

- A personalized gift wish list platform, for curating shareable gift lists and reservations with real-time updates to prevent gift duplication.
- Based on HTML, CSS, JavaScript, Node.js, Express.js, MongoDB and utilizing RESTful APIs for core functionality.

AIExamify

- AI-powered quiz platform for educators with YouTube recommendation after quiz completion.
- Based on React, Node.js, and MongoDB.
- Utilizing Llama API for generating quiz content, and YouTube API for video recommendations.