

## **ANISH KHARAL**

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## **EXPERIENCE**

### **AI & Academic Project Work** | University Coursework / Independent

- Reviewed and analyzed AI-generated text outputs for clarity, accuracy, and relevance.
- Compared multiple AI responses using defined evaluation criteria and guidelines.
- Developed a practical understanding of how large language models are trained, evaluated, and improved.

### **Student Worker / Event Usher** | University of Southern Mississippi

- Followed strict procedures for ticket verification and crowd management.
- Demonstrated reliability, accuracy, and professionalism in a fast-paced environment.

## **EDUCATION**

### **University of Southern Mississippi**

Bachelor of Science in Computer Science — Full Scholarship

Expected Graduation: 2027

### **Narayani College**

Science (+2)

Graduated: 2023

## **SKILLS**

Programming Languages: Python, C, C++

AI & Machine Learning: Generative AI concepts, model evaluation, data annotation fundamentals, PyTorch (basics)

Tools & Technologies: Git, GitHub, Linux, Docker (basic)

Hardware & IoT: Arduino, sensors, automation systems

Soft Skills: Attention to detail, analytical thinking, clear written communication

## **ACADEMIC PROJECTS**

### **Research Presentation: Virtual Reality & VRET**

MAS 89th Annual Conference — Biloxi Gulf Coast Convention Center

- Selected abstract presenter at a regional academic conference.
- Presented research titled "Positive Uses, Negative Uses, and Limitations of Virtual Reality."
- Analyzed applications, risks, and limitations of VR with emphasis on Virtual Reality Exposure Therapy (VRET).

- Demonstrated research analysis, technical writing, and professional presentation skills.

#### **Automatic Mask & Sanitizer Dispenser**

- Built an Arduino-based contactless system using sensors to improve hygiene.

#### **Smart House Automation System**

- Designed a home automation prototype to control appliances using sensors.

#### **Automatic Dustbin (Smart Waste System)**

- Created a sensor-based automatic dustbin to reduce physical contact.

#### **Research Project: James Webb Space Telescope**

- Conducted research and outreach on astronomy discoveries and scientific data.

### **POSITION OF RESPONSIBILITY**

#### **President, Science Club | High School**

- Organized workshops and mentored students in robotics and basic programming.
- Led technical activities and reviewed student project work.

### **ACHIEVEMENTS & INTERESTS**

- Poster Presentation Contributor — Nepal Youth Science Summit (2021)
- Robotics & STEM outreach trainer in rural areas
- Interests: Artificial Intelligence, Machine Learning, Robotics, Space Science