

# JOREN VARQUEZ

COMPUTER ENGINEER



CONCEPCION, SIERRA  
BULLONES, BOHOL 6320



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@JorenVarquez

## SKILL

- ✓ PHOTOGRAPHY & VIDEO EDITING
- ✓ HARDWARE & EMBEDDED SYSTEMS (ARDUINO, RASPBERRY PI)
- ✓ UI/UX DESIGN
- ✓ 3D ART & MODELING (BLENDER)
- ✓ LEADERSHIP & VOLUNTEER WORK
- ✓ MACHINE LEARNING & NEURAL NETWORKS

## EDUCATION

BACHELOR'S DEGREE |  
COMPUTER ENGINEERING |  
BISU-MAIN CAMPUS  
2024 – 2025

## PROFESSIONAL PROFILE

I AM A COMPUTER ENGINEERING STUDENT AT BISU WITH EXPERIENCE IN EMBEDDED SYSTEMS, 3D MODELING, AND MACHINE LEARNING. I'VE WORKED ON PROJECTS USING TENSORFLOW, ARDUINO, AND RASPBERRY PI, WHILE ALSO APPLYING SKILLS IN PHOTOGRAPHY, VIDEO EDITING, AND UI/UX DESIGN. PASSIONATE ABOUT INNOVATION, I COMBINE TECHNOLOGY AND CREATIVITY TO DELIVER IMPACTFUL SOLUTIONS.

## EXPERIENCE

### 3D MODELING AND ANIMATION

BISU DEPARTMENT OF COMPUTER ENGINEERING | 2023

- CREATED 3D MODELS USING BLENDER FOR THE FABLABAR++ PROJECT AND A PRACTICAL RESEARCH PROJECT.
- SHOWCASED REAL-WORLD APPLICATIONS AT ACADEMIC EVENTS.
- STRENGTHENED FOUNDATIONS IN UI/UX, MACHINE LEARNING, AND 3D MODELING.

### EMBEDDED SYSTEMS PROJECT

BISU DEPARTMENT OF COMPUTER ENGINEERING | 2024

- DESIGNED AND DEVELOPED EMBEDDED SYSTEMS USING ARDUINO AND RASPBERRY PI.
- WROTE C/C++ CODE FOR SENSOR/ACTUATOR INTERFACING AND REAL-TIME DATA PROCESSING.
- CONDUCTED HARDWARE TESTING AND ENSURED IOT COMMUNICATION VIA I2C/SPI PROTOCOLS.

### NEURAL NETWORK PROJECT

BISU DEPARTMENT OF COMPUTER ENGINEERING | 2024–2025

- BUILT DEEP LEARNING MODELS (CNN, TENSORFLOW) FOR OBJECT DETECTION AND IMAGE CLASSIFICATION.
- OPTIMIZED ACCURACY THROUGH HYPERPARAMETER TUNING AND EXPERIMENTATION.
- COLLABORATED WITH A MULTIDISCIPLINARY TEAM, PRESENTED FINDINGS AT ACADEMIC CONFERENCES.

### PHOTOGRAPHER & VIDEO EDITOR

ICPEP OFFICIAL PHOTOGRAPHER, BISU | 2024–2025 (PRESENT)

- CAPTURED AND EDITED EVENT HIGHLIGHTS FOR BISU-ICPEP.
- ENHANCED BRANDING AND ENGAGEMENT THROUGH SOCIAL MEDIA CONTENT.
- CONTRIBUTED TO PROMOTIONAL CAMPAIGNS AND PARTICIPATED IN A VIDEO EDITING CONTEST.