SOFIA GABRIELLE ESCALONA

Las Cruces, NM | 575-571-0433 | sgescalona@yahoo.com | github.com/imsofiaescalona | imsofiaescalona.github.io/portfolio

EDUCATION

NEW MEXICO STATE UNIVERSITY   Las Cruces, NM
Bachelor of Arts in Computer Science   Graduated: December 13, 2025
Cumulative GPA: 3.2
Relevant Coursework: Object-Oriented Programming, Data Structures I, Database Management Systems, Computer Networks, Machine Programming, Compilers and Automata Theory, Software Development, Introduction to AI, Human-Centered Computing, Web Development
Thesis: *Evaluating AI Chatbots as Supplemental Learning Tools in Meat Science*
- Designed and evaluated AI chatbot systems; conducted user studies and queried survey and response data using SQL to analyze accuracy and hallucination patterns

EASTERN NEW MEXICO UNIVERSITY   Roswell, NM
Certificate of Employability in Nursing Assisting   Graduated: December 2018
Cumulative GPA: 3.5

UNIVERSITY OF ST. LA SALLE   Bacolod City, Philippines
HS Diploma
Memberships: Search-In Circle 137, Les Femmes, Amity Youth Volunteer

WORK EXPERIENCE

MOUNTAIN SHADOWS HOME CARE   Las Cruces, NM
Healthcare Data Quality Analyst (Quality Control)   2025-Present
- Verified caregiver records across multiple healthcare databases to ensure accuracy of IDs, timestamps, and visit documentation.
- Reconciled discrepancies between systems and flagged inconsistencies impacting compliance and reporting.
- Maintained audit notes to support data integrity and quality assurance processes.
- Handled sensitive healthcare data in compliance with HIPAA standards.

FILIPINO FLAVORS   Las Cruces, NM
Digital Marketing Specialist   2025
- Drove digital campaigns using data insights to improve engagement and reach.
- Analyzed audience behavior and campaign performance through analytics tools.
- Created and optimized content across digital platforms to support brand growth.
- Applied data-privacy awareness and platform best practices in all marketing activities.

RETAIL & TECHNICAL SUPPORT ROLES   Las Cruces, NM
PRIME COMMUNICATIONS — Retail Sales Consultant   2021-2025
PREMIUM RETAIL SERVICES — Wireless Sales Representative
- Provided technical support for mobile devices, accounts, and connectivity issues.
- Troubleshot hardware, software, and basic network-related problems.
- Worked with systems containing personal and billing data while following confidentiality policies.
- Verified account information and service changes to ensure accuracy across internal systems.

UNIVERSITY PROJECTS

Compiler Implementation (MIPS Assembly)
• Built a compiler using C, Lex, and Yacc to translate a custom language into MIPS assembly
• Implemented parsing, semantic analysis, and code generation following architecture conventions

AI Cover Generator Web Application
• Developed a web application that generates AI-based playlist cover art using JavaScript, HTML, and CSS
• Implemented user customization features and client-side state management

Friend Calendar Web Application
• Built a collaborative calendar web application to manage shared schedules and events
• Implemented front-end logic, date handling, and user interaction using JavaScript

Chain Reaction Game (JavaScript Multiplayer)
• Developed a browser-based multiplayer chain reaction game using index.html, script.js, and styles.css
• Implemented turn-based mechanics, event handling, state management, and win-condition detection

ADDITIONAL

Programming Skills:
Java, C++, Python, JavaScript, SQL
Technical Tools & Frameworks:
HTML5, CSS, React, Next.js, MySQL, Git, Wireshark, Visual Studio, Eclipse
Languages:
English (Fluent), Tagalog (Fluent), Cebuano (Conversational), Hiligaynon (Fluent)
Certifications:
Certificate of Employability in Nursing Assisting
> • Training in documentation standards and HIPAA-compliant handling of sensitive data