

# IROL JODEL B. MORILLO

Santa Maria, Bulacan | P: +63 956 869 0249 | loriledoj@gmail.com

I am a goal-oriented computer engineer seeking professional growth within the software industry. I am excited to utilize my skills, knowledge, and experience to develop high-quality solutions. Aspires to become well-known in the field through impactful contributions. I love to have fun solving problems and am always eager to acquire more knowledge and skills.

## EDUCATION

---

### COLEGIO DE SAN GABRIEL ARCANGEL

Bachelor of Science in Computer Engineering

Academic Proficiency Award

Relevant Coursework: Programming, Software Engineering, Object-Oriented Programming, Data Structures and Algorithms, Advanced Mathematics

San Jose Del Monte, Bulacan

2021 - 2025

### FORTUNATO F. HALILI NATIONAL AGRICULTURAL SCHOOL

Grade 11 – 12 (Science, Technology, Engineering, and Mathematics)

With High Honors

Grade 7 – Grade 10 (Special Program in Sports)

With Honors

Varsity Player (Chess)

Santa Maria, Bulacan

2019 – 2021

### CAY POMBO ELEMENTARY SCHOOL

Grade 2 – Grade 6

Top Student

Varsity Player (Chess)

Santa Maria, Bulacan

2010 – 2015

### MYSTICAL ROSE SCHOOL OF BULACAN

Prep – Grade 1

Top Student

Santa Maria, Bulacan

2008 - 2010

## EXPERIENCE

---

### HOOLI SOFTWARE, INC

Software Engineer Intern

Marilao, Bulacan

Feb 2025 – May 2025

- Performed debugging in a big web application

- Participated in team collaboration through frequent meetings

- Weekly report on accomplished tasks, progress, and future goals

Skills used: HTML, CSS, Java, JavaScript, SQL, MySQL, PostgreSQL, Vue, Bitbucket, Git, Source Tree, Docker, Git Bash, Eclipse, VS Code

## PROJECTS

---

### VMATE: OBJECT DETECTION EYEWEAR FOR THE VISUALLY IMPAIRED

2025

- A VR-like device that detects objects and outputs the object type, distance, and direction through a headphone

Skills used: Python, Data Structures and Algorithms, Arduino IDE

### ATTENDANCE MANAGEMENT SYSTEM

2024

- An attendance management application that tracks each employee's attendance including attendance rate, in and out time, and absences

Skills used: Java, JavaScript, SQL, XAMPP, Eclipse, Data Structures and Algorithms, Object-Oriented Programming

### LINE TRACING AND OBSTACLE AVOIDING CAR

2024

- A mini car that follows a line path and avoids obstacles

Skills used: Python, Data Structures and Algorithms, Arduino IDE

### LASER TURRET WITH RADAR

2024

- A laser turret that fires a laser at the object it detects, and displays its position in the radar screen

Skills used: Python, Data Structures and Algorithms, Arduino IDE

### WEB APP FOR SCHOOL CANTEEN

2023

- A web application that displays current stocks and lets students reserve products

Skills used: HTML, CSS, JavaScript, Firebase, VS Code, Data Structures and Algorithms, Object-Oriented Programming

### SCHOOL BUILDING MINIATURE

2023

- A miniature building with 3D blueprint

Skills used: SketchUp, Mathematics

## HOUSE MINIATURE

2022

- A miniature house with 2D blueprint  
Skills used: AutoCAD, Mathematics

## SKILLS

---

### TECHNICAL SKILLS

- Java
- Python
- JavaScript
- HTML
- CSS
- SQL
- C++
- Programming
- Software Engineering
- Debugging
- Embedded Systems
- Hardware Knowledge
- Database Management
- Data Structures and Algorithms
- Object-Oriented Programming
- Troubleshooting

- Data Analysis and Statistics
- Mathematics
- Excel
- Word
- PowerPoint
- Social Media
- AutoCAD
- SketchUp

### SOFT SKILLS

- Problem-Solving
- Critical Thinking
- Team Collaboration
- Time Management
- Strategic Planning
- Adaptability

- Self-Awareness
- Growth Mindset
- Attention to Detail

## CERTIFICATIONS

---

**CyberSecurity Bootcamp: The Ultimate Beginner's Course**  
Udemy

Dec 24, 2024

**Advanced Microsoft Word With Job Success**  
Udemy

Dec 29, 2024

**Java Training Complete Course for Java Beginners All in One**  
Udemy

Sept 21, 2024

**Introduction to Microsoft Excel**  
United Latino Students Association

Sept 18, 2024

## SEMINARS

---

**Level Up: Pioneering Computer Engineering in a Digital World**  
Institute of Computer Engineers of the Philippines Student Edition – Region 3

March 8, 2025

**From Code to Community Impact in the Digital Era: My Software Development Journey**  
Institute of Computer Engineers of the Philippines Student Edition – Region 3

March 8, 2025

**Python-Powered Robotics: From Basic Circuits to Intelligent Systems**  
Institute of Computer Engineers of the Philippines Student Edition – Region 3

March 8, 2025

**Alab Interactive Robotic Museum Tour**  
Institute of Computer Engineers of the Philippines Student Edition – Region 3

March 8, 2025

## WEBINARS

---

**Computer Spotlight: Unmasking Cybersecurity – Protecting Your Digital World**  
Association of Computer Engineering Students

Feb 26, 2025

**The Growing Demand of AI Certifications: Certified Artificial Intelligence Professional**  
Professional Evaluation and Certification Board

Jan 30, 2025

**The Power of AI Tools**  
Department of Information and Communications Technology

Jan 28, 2025

**Artificial Intelligence in Data Analytics**  
Department of Information and Communications Technology

Jan 26, 2025