

IROL JODEL B. MORILLO

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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 2015 – 2019
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
<ul style="list-style-type: none">Performed debugging in a big web applicationParticipated in team collaboration through frequent meetingsWeekly report on accomplished tasks, progress, and future goals <p>Skills used: HTML, CSS, Java, JavaScript, SQL, MySQL, PostgreSQL, Vue, Bitbucket, Git, Source Tree, Docker, Git Bash, Eclipse, VS Code</p>	

PROJECTS

VMATE: OBJECT DETECTION EYEWEAR FOR THE VISUALLY IMPAIRED <ul style="list-style-type: none">A VR-like device that detects objects and outputs the object type, distance, and direction through a headphone <p>Skills used: Python, Data Structures and Algorithms, Arduino IDE</p>	2025
ATTENDANCE MANAGEMENT SYSTEM <ul style="list-style-type: none">An attendance management application that tracks each employee's attendance including attendance rate, in and out time, and absences <p>Skills used: Java, JavaScript, SQL, XAMPP, Eclipse, Data Structures and Algorithms, Object-Oriented Programming</p>	2024
LINE TRACING AND OBSTACLE AVOIDING CAR <ul style="list-style-type: none">A mini car that follows a line path and avoids obstacles <p>Skills used: Python, Data Structures and Algorithms, Arduino IDE</p>	2024
LASER TURRET WITH RADAR <ul style="list-style-type: none">A laser turret that fires a laser at the object it detects, and displays its position in the radar screen <p>Skills used: Python, Data Structures and Algorithms, Arduino IDE</p>	2024
WEB APP FOR SCHOOL CANTEEN <ul style="list-style-type: none">A web application that displays current stocks and lets students reserve products <p>Skills used: HTML, CSS, JavaScript, Firebase, VS Code, Data Structures and Algorithms, Object-Oriented Programming</p>	2023
SCHOOL BUILDING MINIATURE <ul style="list-style-type: none">A miniature building with 3D blueprint <p>Skills used: SketchUp, Mathematics</p>	2023

HOUSE MINIATURE

2022

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

SKILLS

TECHNICAL SKILLS

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|---------------|----------------------------------|--------------------------------|
| ● Java | ● Software Engineering | ● Data Analysis and Statistics |
| ● Python | ● Debugging | ● Mathematics |
| ● JavaScript | ● Embedded Systems | ● Excel |
| ● HTML | ● Hardware Knowledge | ● Word |
| ● CSS | ● Database Management | ● PowerPoint |
| ● SQL | ● Data Structures and Algorithms | ● Social Media |
| ● C++ | ● Object-Oriented Programming | ● AutoCAD |
| ● Programming | ● Troubleshooting | ● SketchUp |

SOFT SKILLS

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| ● Problem-Solving | ● Time Management | ● Self-Awareness |
| ● Critical Thinking | ● Strategic Planning | ● Growth Mindset |
| ● Team Collaboration | ● Adaptability | ● 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