

TIMOTHY KENNETH D. DANTIC

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JUNIOR DEVELOPER / PROGRAMMER

Recent Computer Engineering graduate with a strong foundation in embedded systems and programming languages like C++ and Python. Eager to apply technical skills and problem-solving abilities to innovative software and web development projects.

EDUCATION

BACHELOR'S DEGREE | JULY 09, 2024

Bachelor of Science in Computer Engineering

Laguna State Polytechnic University - Sta. Cruz Campus

EXPERIENCE

GENERAL AFFAIRS & IT SUPPORT INTERN (2024)

The Blue Circle Philippines Holdings Corp. | Kalayaan, Laguna

- Performed data encoding tasks using advanced Excel formulas and conditional formatting, and honing logical and critical thinking skills.
- Provided IT support by managing routine maintenance and troubleshooting, ensuring office systems operated efficiently.
- Enhanced project workflows by collaborating with engineers and management teams, gaining valuable experience in professional environments.

PROJECTS

MCU-BASED MANGO FRUIT LEATHER MACHINE

- Designed and built a prototype mango fruit leather machine using Arduino and C++ to address food waste in Pila, Laguna.
- Gained hands-on experience in microcontroller programming, sensor integration, and system optimization.

LIBRARY MANAGEMENT SYSTEM

- Developed a Raspberry Pi-based Library Management System (LMS) using Python to automate library operations.
- Gained practical experience in backend development, database management, and hardware-software integration.

PORTFOLIO WEBSITE (tomohirokenshi.github.io/portfolio/)

- Employed a desktop-first approach to design and develop a user-friendly interface that adapts seamlessly to various screen sizes.
- Utilized React.js for dynamic components, React Bootstrap for responsive design, and Node.js with Express and Nodemailer for email functionality.

SKILLS

Programming Languages: Python, C++, JavaScript, Java, VB.NET

Web Development: React.js, Bootstrap, Node.js, Express.js, HTML, CSS

Database: SQLite, MongoDB

Hardware: Arduino, Raspberry Pi

Version Control: Git

Soft Skills: Teamwork and Communication Skills

Critical Thinking and Problem Solving Skills

Adaptability and Willingness to Learn