RIAN MARTIN C DINEROS

Career objectives:

To be part of your organization, where I can have the opportunities to prove and strengthen my skills and abilities by accepting challenges with dedication full and commitment.

CONTACTS

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SKILLS

- Proficient in Microsoft Office Application
- Programming in C++, Java, Python, HTML, SQL
- Profound knowledge on Raspberry PI, Arduino
- Knowledge about robotics
- Knowledge in Amazon Web Service
- Profound knowledge on Computer both Hardware and software

PERSONAL SKILLS

- Hardworking, dedicated and committed to the task at hand.
- Able to communicate both English and Filipino
- Good at time management
- Able to learn fast and easily perform duties well
- Can handle pressure from different workload
- Leadership skills

PROFILE

A graduate with a Bachelor's degree in Computer Engineering, I am eager to apply my knowledge and skills in a professional setting. I am self-motivated, committed to continuous learning, and dedicated to contributing to the success of the company. I am an efficient listener, a strong problem solver, and perform well under pressure to deliver results.

EDUCATION

Bachelor of Science in Computer Engineering
Jose Rizal University,
Mandaluyong City | 2023

WORK EXPERIENCE/ ATTENDED

AllCards Inc. (2023) | Internship
As a Project Engineer Trainee / trainee in AV equipment testing and installation, my responsibilities include providing technical assistance for configuration and troubleshooting under the supervision of a Senior Project Engineer.

PROJECT COMPLETED

Iot based Monitoring System for Tomato Crops
- Lead developer for hardware design and implementation | 2023
   Project Background : A IoT monitoring system design pecifically for tomato crops. Developed a comprehensive solution capable of analyzing and monitoring the crop's conditions through a user friendly mobile application interface. and by maximizing the Internet of Things t(IoT) to provide users with control over additional project objectives, including the water pump and pesticide pump.

Line Following Robot
- Secondary programmer and hardware lead | 2022
   Project Background: An autonomous robot designed to travel along a route and reach its endpoints. A functional system is designed to detect a path or dark line in a white surface and steer the robot to maintain its course.

Sumo Bot
- Lead programmer and hardware development |2022
   Project Background: The project is designed and built for the Project Sumo Bot/Autonomous Robot, which is capable of traveling along a specified route and detecting opponents using a microcontroller and various sensors

Emotion detection for Student in the University

- Secondary programmer | 2022
  Project Background: The Emotion Detection project is designed to classify the emotions of students using facial expressions in real-time. The solution provided professors with the ability to track student emotions upon entering and leaving the classroom or university. Leveraged Amazon Web Services (S3 Bucket) as a storage placeholder for each classification, along with auto-updates functionality, ensuring a seamless real-time process.

Motorcycle Anti-Theft Mechanism using Face Recognition

- Secondary programmer and Hardware Development Lead | 2022
  Project Background: The project is designed to enhance the safety of motorcycles by preventing theft. The system incorporates face recognition technology to enable motorcycle startup only when the registered face is detected. Additionally, the project includes a potential solution for theft prevention through SMS notifications or warning alerts in case of any unauthorized attempts on the motorcycle.

Kambal Pizza Ordering System

- Lead programmer and interface designer | 2021
  Project Background: The system is designed as an ordering system for a pizza stall. The team maximized the use of Python GUI interface and SQL as the database for the system. The team created this ordering system to enhance the efficiency and customer satisfaction in the ordering process.

SEMINAR | TRAININGS

- **Web Development** (April, 2021)
- **Introduction in Data Science** (September, 2021)
- **Introduction to Basic Arduino and Raspberry Pi** (September, 2021)
- **Cyber Security Career Path** (October, 2022)
- **Basic Model using Anaplan** (October, 2022)
- **Networking Planning and Engineering** (September, 2022)
- **Introductiom to Robotics Bootcamp** (November, 2022)
- **Internet of things** (September, 2022)
- **Begineer's Guide for Motor Control** (October, 2022)
- **Building RESTful API using Django** (December, 2022)
- **AWS academy Cloud Foundation** (Completed, November, 2022)

I hereby certify that the information provided above is true and correct to the best of my knowledge and belief.

Rian Martin C Dineros
Signature of Applicant