

# MARK WILSON Y. BADIABLE

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## Summary

A motivated computer engineering graduate with a strong focus on software development, particularly in web and mobile applications, I am also eager to explore various technologies beyond my core interests. I am dedicated to learning, constantly honing my abilities, and staying up-to-date in the fast-changing tech landscape. I enjoy tackling complex challenges and developing practical software solutions for real-world applications. My strong problem-solving skills, combined with excellent communication and teamwork, make me well-suited for contributing to a dynamic team. I am currently seeking an entry-level role or internship to apply my knowledge and skills in a practical environment.

## Technical Skills

**Programming languages:** Java • Javascript • C • C++ • C# • CSS • HTML • Python • x86 Assembly • Verilog

**Database:** FireBase • MongoDB

**Developer Tools:** PyCharm • VS Code • MongoDB Compass

**Others Skills:** MS Office • Microcontroller • PLC • Filipino & English language

## Experience

### Xinyx Design Consultancy and Services Inc

Filinvest City, Muntinlupa

#### IC Layout Intern

06/2023 - 07/2023

- Completed an internship program focused on CMOS technology design and layout
- Gained knowledge of CMOS technology design rule guidelines
- Acquired proficiency in using Synopsys Custom Compiler
- Developed 9-track standard cell layouts at a 90nm process node
- Showcased teamwork abilities, effective communication, and produced good-quality layouts for the organization

### CREOTEC Philippines Inc.

Laguna Technopark, Biñan

#### PCB Quality Control Intern

10/2019 - 10/2019

- Completed work immersion at Creotec, focusing on PCB condition assessment
- Gained expertise in PCB inspection techniques and quality standards
- Acquired proficiency in using PCB design and analysis tools
- Conducted thorough evaluations of PCB layouts for functionality and reliability
- Demonstrated strong teamwork, effective communication, and contributed to good-quality PCB assessments for the company

## Education

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**Colegio de Muntinlupa**

Bachelor of Science in Computer Engineering  
GPA: 1.78

Sucat, Muntinlupa City

09/2020 - 07/2024

**SouthernSide Montessori School**

Science, Technology, Engineering, and Mathematics (STEM) Strand

Katihan Rd, Muntinlupa City

07/2018 - 07/2020

## Achievements

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**Mayor's Lister**

1st Semester A. Y. 2023-2024

**Dean's Lister**

2nd Semester A. Y. 2023-2024

## Certificates

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**Huawei Talent Online**

- HCIE-Big Data-Data Mining • 2024
- Computer Networks Course • 2024
- Python Programming Basics • 2024

**Colegio de Muntinlupa**

- Safety Officer II • 2023
- DR101: Basics and Application on Drone Technology Seminar • 2024
- Unlocking the Power of Microsoft Azure: A Beginner's Guide Webinar • 2024
- CircuitCraft: Arduino Creations Unleashed Seminar • 2024
- CodeCraft: Unleashing Web Mastery Webinar • 2024
- Parallel Paths: Exploring C# and Android Development • 2024
- Stackathon Training: One Compile Away to Full Stack Web Development \* 2024

**FreeCodeCamp**

- Responsive Web Design • 2024

## Projects

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### **Coin-Operated Booklet Vending Machine with Printing Services**

This system provides self-service printing exclusively in A4 paper size, along with booklets for students.

- Offers printing services tailored for students and faculty, restricted to A4 paper size for academic documents.
- Dispensed booklets for students in addition to printing services.
- Features a coin-operated mechanism that accepts both new and old 1, 5, and 10 pesos coins, with change given in 1 peso coins.
- Developed for ease of use, combining reliable coin validation and transaction processing with efficient delivery of printed materials and booklets.