Dwight Cutad

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SUMMARY

I am a dedicated and enthusiastic Junior Computer Science student with a foundation in programming, particularly in Object-Oriented Programming (OOP) using Java. My expertise includes essential OOP concepts listed in the skills. Eager to apply and expand my knowledge, I am seeking an internship opportunity where I can contribute my skills to real-world projects while gaining valuable industry experience.

SKILLS

Computer Organization and Architecture, and Structures
Design of computer system, data storage devices, instructions set architecture, and complex data structures: Trees, Graphs, and Computations

Object-Oriented Programming in Java
Eclipse IDE, concepts of OOP like: Abstraction, encapsulation, polymorphism, inheritance levels, classes, objects, and interfaces.

Computer Network and Communication
Network Protocols: TCP/IP, UDP, HTTP, and DNS, routing algorithms, switching techniques, and network topologies, networking monitoring tools

EDUCATION

Universiti Putra Malaysia | Bachelor in Computer Science with Hons. *Selangor, Malaysia* | **10.2022 – Present**

- Major in Computer System
- First Year CGPA: 3.41/4.00

Philippine International School-Qatar | Senior High School Diploma *Doha, Qatar* | **2020 – 2022**

- Strand Accomplished: Academic – Science, Technology, Engineering Mathematics (STEM)
- Awards/Honours Received: With Honours, Best in Arts, Student Service Award
- SHS General Average: 95.00/100.00

PROJECTS

Object-Oriented Programming Laboratory
Coursework: University semester long project (github)

- Enhanced my programming skills by successfully completing nine laboratory projects in this course, covering a wide range of topics such as Associations, Inheritance, Polymorphism, File Input and Output, Abstract Classes and Interfaces, Binary Input and Output, and Generics.
- Grade: A
- Used: Eclipse IDE, Java

Network Tools Project Report
Coursework: University semester Long Project

- Effectively led a research report evaluating four crucial network diagnostic tools (Ping Plotter, Visual Route, DNS Query, and TCP View). Findings demonstrate Visual Route's superior performance in ensuring network transmission efficiency and reliability.
- Grade: A
- Used: TCP View for Windows

Capstone Research: RSSI Based Wearable Device Using Arduino Nano 33 BLE For Monitoring COVID-19 Social Distancing
Coursework: High School Semester Project

- Led the group and skillfully developed a device for social distancing using Experimental research design. Highly effective in detecting proximity between devices, the innovation holds potential for reducing COVID-19 cases.
- Grade: A
- Used: Arduino