MHARC REINALD RIGOS

Pasig City, Philippines | 09154514596 | mcrei1018@gmail.com
www.linkedin.com/in/reirigos1018 | https://github.com/Ririqt

SUMMARY

Computer Engineering student seeking an internship to apply knowledge in software development, programming, and system integration. Motivated to gain hands-on experience and contribute to innovative engineering solutions in a real-world environment.

EDUCATION

Bachelor of Science in Computer Engineering

Polytechnic University of the Philippines

- Expected Graduation: September 2027
- Related Coursework: Programming, Logic, and Design | Computer Hardware Fundamentals | Engineering Data Analysis | Object Oriented Programming | Data Structures and Algorithms | Fundamentals of Electrical Circuits | Fundamentals of Electronic Circuits | Computer-Aided Drafting | Operating Systems

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WORK EXPERIENCE

Website Tester

Checked websites for functionality, broken links, and overall performance. Reported issues and ensured pages were working as intended across different browsers and devices.

PROJECT

Windsurf – Data Structure & Algorithm Visualization Website

Front-end and Back-end Developer – https://windsurf.onrender.com/

Contributed to a web-based tool that visually demonstrates data structures (Linked List, Stack, Queue, Graph, Binary Tree) and sorting algorithms (Quick Sort, Merge Sort, Insertion Sort, Selection Sort, Bubble Sort) through animations. Focused on designing the user interface and suggesting layout and feature ideas to improve user experience, using HTML, CSS, JavaScript, and Python.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java
- **Tools/Software:** AutoCAD, MS Office, TinkerCAD, Visual Studio Code, PyCharm
- **Operating Systems:** Windows
- **Other Skills:** Basic computer troubleshooting and maintenance | Operating system installation and configuration (Windows) | Basic circuit analysis and breadboarding | Software installation and basic system setup | Video and photo editing

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CERTIFICATIONS / SEMINARS / TRAININGS

- **Mechatronics and Robotics for Sustainable Nuclear Energy Management | October 11, 2024**
- **The Future is Now: Seminar 2025 (Cybersecurity and UI/UX)**
- **DICT Web Development and Introduction to HTML**

ORGANIZATIONS

Google Developer Student Club	**April 2023 - Present**
AWS Cloud Club PUP	**October 2024 - Present**
Mechatronics and Robotics Society of the Philippines PUP	**October 2024 - Present**