Roberto D. Principio Jr.

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Education

University of the Philippines Diliman, Quezon City

Bachelor of Science in Computer Science 2017 – 2021 (Expected)

Skills

- **Hard Skills:** Languages (Python, SQL, HTML, CSS, JavaScript), Data Structures, Database Systems, Programming Paradigms (Object-Oriented, Functional, Imperative), Libraries/Frameworks (Bootstrap, Flask, Node.js, Express), REST APIs, ORMs, VCS (Git, GitHub)

- **Soft Skills:** Creativity, Organization, Problem-solving, Strong Work Ethic

Experience

- **YANI - EndCov Bot** - volunteered as a developer for UP's COVID-19 Chatbot, built using Chatfuel, Dialogflow
- **HNGi7 Leaderboard** - project for the HNG internship that showcases the current ranking of the interns, consumes a CSV file, built with React and Express
- **WeCodeucate Internship** - interned for a startup in Chicago as a Frontend Developer, worked on the website's landing page using React, did Search Engine Optimization

Projects

- **GunitaHu** - Ongoing development, undergraduate thesis, VR application as therapy for dementia patients using A-frame, Node.js, and Express
- **StudyUP** – A web application developed in Flask that aims to foster a collaborative learning environment for students including test simulation and discussion
- **Street Food Wars** – A role-playing game developed in Java to learn programming fundamentals
- **Superhero Wiki–** Wiki site of heroes and villains from comics and shows built with React, Express, and an external API
- **T3 –** Multiplayer Tic Tac Toe game build using React, Express, and socket.io
- **ATLA Comic Scraper -** scraped an online comic book site for graphic novels then saved, compiled, and exported them to PDF using the Python libraries requests, Scrapy, Pillow, and FPDF.