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EDUCATION

University of the Philippines Los Baños (UPLB)
General Weighted Average (GWA): 1.66 (Cum Laude)
Bachelor of Science in Computer Science

2019 – 2023

WORK EXPERIENCE

KlaudSol	Software Engineering Intern	June 2022 – August 2022
<ul style="list-style-type: none">Worked on a NextJS application hosted on AWS Amplify, and worked with other different AWS tools such as Aurora Serverless, S3, and Route 53.Implemented a CRUD user interface, along with the API routes that the interface calls on using NextJS API Routes to communicate with an Amazon Aurora Serverless database instance hosted on the cloud.Created a web interface that performs PDF manipulations.Collaborated with other interns in developing features in our assigned project using Git, and made successful pull requests on GitHub that have been merged.Programmatically migrated DNS records on AWS Route 53.		

PROJECTS

Eternal Place Memorial Park Cemetery Information System

<https://eternal-place.vercel.app/>

- Created the frontend and backend of the application with **NextJS**, and the **PostgreSQL** instance was provided by **Supabase**, along with the storage for the images
- Used **LeafletJS** to implement an interactive map of the park

ValorantTL

<https://valorant-tl.vercel.app/>

- Created an application to allow a VALORANT player to access the contents of their VALORANT shop through the browser, as well as the queue penalties their account have
- Used **NextJS** as the frontend of the application, with **TailwindCSS** as the CSS framework
- Used the internal Valorant API endpoints used by the client to communicate with Riot Games' servers

LOLCODE Interpreter

<https://jwdp-lolterpreter.netlify.app/>

- Created an interpreter for the LOLCODE programming language without using any third party libraries but only by strictly using Java's built-in constructs.
- Implemented LOLCODE constructs such as variable declaration and assignments, user input/output, string concatenation, conditionals, loops, and arithmetic or logical operations.

Tuwitta – A Twitter Clone Mobile Application

<https://github.com/derfliwbej/tuwitta-flutter>

- Created a user interface similar to Twitter's using **Flutter** and **Dart**.
- Sends HTTP requests to an API to render changes within the application's state.
- Implemented functionalities such as authorization and authentication, signing up, creating/updating/viewing a post, commenting on a post, and following other users.

AmlLaude – A GWA Verifier Application

https://github.com/fambaridz/gwa_verifier_c1l

- Collaborated with other students to implement a standalone application for verifying a student's validity for honors.
- Used **Git** and **GitHub** in collaborating with other members to develop a fully working project
- Designed and implemented the structure of the database that follows the logic and relationship between entities

TECHNICAL SKILLS

- Languages:** Java, Python, JavaScript/HTML/CSS, C, SQL, Bash, Dart
- Frameworks and Libraries:** NodeJS, NextJS, ReactJS, Redux & Redux Toolkit, TailwindCSS, ExpressJS, Flutter
- Operating Systems:** Windows 10, Linux (Ubuntu)
- Database:** SQL Server, MongoDB, MariaDB
- Tools:** Git and GitHub, Docker