Calvin James Maximo

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EDUCATION

University of the Philippines Diliman   Quezon City, PH
Bachelor of Science in Computer Science   *Expected July 2025*
- Department of Science and Technology (DOST) Merit Scholarship
- GPA: 1.21/5.00
- Consistent President's Lister

WORK EXPERIENCE

Software Engineering Intern   July 2024 – August 2024
Pointwest Innovations Corp   *Quezon City, PH*
- Built a full-stack web application to automate the process of matching the roster of employees to new projects
- Alleviated the manual sifting of personnel info done by the Project Admin and provide recommendations of qualified personnel to projects
- Implemented REST API endpoints to fetch data from the company's personnel database and to update the current employee roster

PROJECTS

Personal Portfolio | *Svelte, Tailwind CSS*   August 2024
- Developed a comprehensive personal portfolio website to showcase my projects in web development, machine learning, and data science
- Designed and implemented interactive UI components to showcase technical skills and accomplishments, along with integrated features such as a contact form and project tiles
- Incorporated responsive design techniques to make the website accessible and visually appealing across devices

Stress Level Detector | *Python, Jupyter Notebook, Pandas, Numpy, Streamlit*   May 2024 – June 2024
- Implemented machine learning techniques for determining an individual's stress level based on their sleep health and lifestyle habits using data from Kaggle
- Developed an interactive web application with Streamlit that allows users to input their sleep and lifestyle data for personalized stress level assessments
- Applied scikit-learn, Seaborn, and Matplotlib for data analysis and visualization, revealing significant patterns in stress levels related to sleep and lifestyle factors

TeddyCare | *Next.js, Firebase, Python*   April 2024 – June 2024
- Created a web application for an IoT-powered smart stuffed toy that is designed to nurture parent-child relationships, regardless of distance, by facilitating real-time interactions
- Integrated Firebase REST endpoints to enable real-time data exchange between the web application and the IoT device, supporting features such as remote heartbeat synchronization and live lullaby playback
- Leveraged Cloud Functions for Firebase to automatically preprocess raw data from a heartbeat sensor and use processed data to simulate heartbeats on the stuffed toy

ISKOmmute | *Svelte, MapBox*   February 2024 – May 2024
- Developed a Svelte-based web application to guide the UP Diliman community in navigating the campus using existing jeepney routes
- Implemented the MapBox API to display interactive maps and visualize jeepney routes, offering users an intuitive and efficient navigation experience

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL, C, Python
Frameworks: Angular, React, Next.js, Svelte, Tailwind CSS, Bootstrap, Streamlit
Databases: MySQL, Firebase
Developer Tools: Git, Playwright