Andrei Kyle A. Hidalgo

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EDUCATION

University of Santo Tomas   August 2020 – June 2024
Bachelor of Science in Computer Science | GWA 1.8   Espana, Manila, Philippines

WORK EXPERIENCE

Full Stack Developer Intern   February 2024 – April 2024
Blackfort Consulting Inc   Western Bicutan, Taguig

- Assisted in implementing the HMB IT system, utilizing C#, .NET, CSS, Telerik UI, and Flutter to streamline operations, modernize processes, and enhance the hospital's ability to provide safe breast milk to infants in need.
- Designed and implemented frontend web views using CSS and Telerik UI for screening and milk bank pages.
- Employed C# to intricately craft and deploy the backend logic of the screening page, ensuring optimal functionality and performance.
- Developed a user-centric mobile app using Flutter to boost retention rates and improve the overall experience.
- Tested the integration of HMB IT system modules using REST API, ensuring seamless communication and functionality.

Project Management Intern   June 2023 – August 2023
Philip Morris International   The Finance Center, BGC Taguig

- Spearheaded the development of a point-based redemption donation system, integrating it into SINAG, the gratitude platform of PMI, utilized by over 1600 employees across the Philippines.
- Achieved a 30% increase in employee engagement through the implementation of the redemption donation system, resulting in donations totaling approximately PHP 100k to charitable organizations.
- Collaborated with cross-functional teams including CSR, IT, legal, risk, and assessment departments to design prototypes and streamline the end-to-end process of the redemption system.

Sales and Marketing Intern   March 2017 – June 2017
Globe Telecom   The Globe Tower, BGC Taguig

- Selected as one of 20 high school students out of 500 applicants to participate in Globe's Junior Mobile Wizard OJT program.
- Successfully facilitated the sale of 50 Globe Phone plans within a 3-month period.
- Strategically marketed diverse Globe phone plans to engage with over 1000 store visitors, effectively communicating features and benefits to drive customer interest and sales.

EXTRA-CURRICULAR ACTIVITIES

Backend Developer, UST ICS Student Council,   February 2024 – June 2024

- Implemented the backend development of the CICS student council website highlighting student work using React, Node.js, Express.js, and SQL.

Web Tech Staff, TomasinoWeb,   September 2020 – August 2022

- Managed the WordPress of TomasinoWeb, the premier digital media organization of the University of Santo Tomas.

PROJECTS

Handy Magic, a hand gesture-based control game | *C#, Python, Unity*   January 2023 – December 2023

- Directed a team of 4 in conceptualizing and developing a game titled "Handy Magic," a key component of our thesis project titled "Design and Development of Hand Gesture-Based Gameplay Mechanics Utilizing Mediapipe and Expert Systems Technology."
- Served as a full-stack developer, utilizing the Unity game engine and programming languages C# and Python to design and implement a game controlled by hand gestures through the user's webcam, eliminating the need for additional hardware.
- Engineered a pioneering hand gesture recognition-based control system which demonstrated an 80% preference rating over conventional keyboard-based controls in terms of immersion, accuracy, and responsiveness, as evidenced by feedback from 100 participants.

Midnight Coffee Online point of Sales System | *Java, SQL, JavaScript*   January 2022 – December 2022

- Developed the backend and database systems for the Midnight Coffee website, utilizing Java and SQL. Additionally, contributed to the frontend development using HTML, CSS, and JavaScript.
- Designed the Online Point of Sales System which Improved Midnight Coffee's projected sales by 20%.

SKILLS & ABILITIES

Languages: C#, Java, SQL, HTML, CSS, JavaScript, Python, Dart, PHP, REST API
Frameworks: .NET, ASP.NET, Blazor, Flutter, React, Next.js
Tools: Jira, Trello, Azure DevOps, GitHub, VS Code, Visual Studio, PyCharm, Unity, Android Studio, WordPress
Prototyping: Canva, Figma, Photoshop
Certifications: freeCodeCamp Responsive Web Design Certification
Seminars and Contests Attended: Vuja de tech talks 2024, Algolympics 2024