

# Andrei Kyle A. Hidalgo

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## EDUCATION

### University of Santo Tomas

Bachelor of Science in Computer Science

Espana, Manila, Philippines

August 2020 – June 2024

- Dean's Lister school year 2022-2023 1<sup>st</sup> and 2<sup>nd</sup> semester and 2023-2024 1<sup>st</sup> semester.

## WORK EXPERIENCE

### Full Stack Developer Intern

Blackfort Consulting Inc

February 2024 – April 2024

Western Bicutan, Taguig

- Contributed to the design and implementation of the Human Milk Bank an IT system, streamlining milk donation processes, and enhancing documentation efficiency.
- Employed Blazor to architect and deploy the web system, anticipating a 30% reduction in loading times and a noticeable improvement in overall system responsiveness, poised to enhance user experience upon deployment.
- Leveraged Flutter to develop the interactive web application, aimed at enhancing user experience and retention rates.

### Project Management Intern

Philip Morris International

June 2023 – August 2023

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.
- Collaborated with cross-functional teams including CRS, IT, legal, risk, and assessment departments to design prototypes and streamline the end-to-end process of the redemption system.
- 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.

### Sales and Marketing Intern

Globe Telecom

March 2017 – June 2017

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 content management system of TomasinoWeb, the premier digital media organization of the University of Santo Tomas.

## PROJECTS

### Handy Magic 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

**Frameworks:** .NET, Blazor, Flutter, React, Next.js

**Tools:** Jira, Trello, GitHub, VS Code, Visual Studio, PyCharm, Unity, Android Studio

**Prototyping:** Canva, Figma, Photoshop

**Certifications:** freeCodeCamp Responsive Web Design Certification