

XYPHER KELLY D. BUMATAY

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WORK/SKILL SUMMARY

- **Front-End Developer and UX/UI Designer:** Experience in creating and designing resources for website and mobile applications or platforms, also delved on game creation, technical production of media, and advanced knowledge on Microsoft-based applications.

Programming Languages: C#, C++, Assembly, HTML, CSS, Python, SQL, Java

Development Tools: Visual Studio Code, Android Studio, Unreal Engine, RenPy, PyCharm, Figma

- **Embedded Software and Electronics Engineer:** Worked on network systems, electronic integrations, and microcontroller/microprocessor usage for IoT on both software and hardware projects.

Hardware: Arduino Uno Hardware and IDE, Raspberry Pi 4 Hardware and IDE

- **Project Management Experience:** Led numerous research and leadership projects, from website creation, mobile application development, information and management analysis, audience broadcasting, and hosting presentation talks.

Platforms: Windows, Microsoft Office, Google Workspace, Salesforce

Multimedia Tools: Adobe Creative Cloud, Autodesk AutoCAD, Audacity, Canva

WORK EXPERIENCE

➤ UX/UI Designer and Analyst Intern

2023

DOST-SEI (LODI - League of Developers Initiative)

General Santos Avenue, Bicutan, Taguig City

- Built and designed UI/UX resources for front-end usage of database platforms;
- Outlined and organized website and mobile-based database platforms with a team through Figma;
- Produced, edited, and presented logo designs, video promotions, and 3D visualizations of various media with the team;

➤ IT Researcher Intern

2022

Verafede Inc.

128C Pioneer St., Mandaluyong

- Played an integral part of research information and documentary analysis for the possible use of electronic signatures (E-signatures) for the company;
- Presented and interpolated research results through the audiences of the team leader and head director;
- Supervised and managed virtual meetings for the company and with respective partner companies;

ACCREDITATION / SCHOLARSHIP

- DOST-SEI (RA 7687) Undergraduate Scholarship
- CISCO (CCNA): Introduction to Networks
- TESDA NCII Animation and Design

2020-2024

March 2023

December 2019

EDUCATION

Bachelor of Science in Computer Engineering (major in System Development)

Graduated: October 2024

Polytechnic University of the Philippines - Manila

Coursework: Data Analysis, Embedded Systems, Fundamentals of Electrical Circuits/Electronics, Game Development, Mobile and Web Development, Programming and OOP, System Administration and Development.

Achievements/Responsibilities:

- **Leadership Nominee "Tanglaw ng Iskolar" Award:** College of Engineering Honors' Society, A.Y. 2024
- **Subordinate of the Vice President for Research and Development:** ACCESS, A.Y 2023-2024
- **Podcast Host:** ACCESS TV, A.Y. 2024
- **Junior Officer for Academics Committee:** ACCESS, A.Y. 2023-2024
- **Junior Officer for Technical Committee:** ACCESS, A.Y. 2023-2024
- **Technical Committee:** PUP Association of DOST Scholars (PUP-ADS), A.Y. 2022-2023
- **Radio Broadcaster:** THE NUCLEUS. Regional Schools Press Conference, A.Y. 2020
- **TV Broadcaster:** THE NUCLEUS. Regional Schools Press Conference, A.Y. 2019