Beatrix D. Liongson

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EDUCATION

Technological Institute of the Philippines   *June 2018 – September 2024*
Bachelor of Science in Computer Engineering   *Quezon City*

TECHNICAL SKILLS

Languages	C/C++	Python	PHP	HTML	CSS	JavaScript	Bash Scripting
Frameworks	Django	Flask	Laravel	Bootstrap
Databases	MySQL	MSSQL	SQLLite
Developer Tools	Git	GitHub	Visual Studio Code	Google Colab	Vim	Figma

PROFESSIONAL EXPERIENCE

Web UI/UX Developer Intern   *September – November 2022*
Ollopa Corporation   *Quezon City*

- Provides a redesigned user interface (UI) through Figma for all the active websites during the internship.
- Coordinated with the UI/UX designers to adhere to the design principles to ensure the visuals and experience of the websites were of quality.
- Routinely performs quality control on websites, to inspect for design inconsistencies and functionality errors.
- Assigned as the team leader for the UI/UX intern department, manages and designates design-related tasks to co-interns ensuring projects are completed efficiently.

PROJECTS

MALINIS: A Deep Learning Based Detection and Classification System for Malware Analysis (Capstone)
Technologies: Python | Flask | Laravel | PHP

- Developed a web application with PHP (Laravel) for the front end and Python (Flask) for the back end, utilizing deep learning applications to determine and identify malware types based on patterns from the grayscale images of network packets.
- Designed the UI/UX of the project's web application leveraging the Figma tool.
- Contributed to the development and implementation of the front-end side of the project's web application.
- Assisted the team in training deep learning algorithms to perform core functionalities of the system through Google Colab.
- Conducted a malware testing through a virtual machine to assess the capability and reliability of the custom-developed deep learning-based malware detection and classification system.
- Led the management of the documentation and revision of the project's paper, exhibiting organizational skills and attention to detail.

BDL Website Portfolio
Technologies: HTML | CSS | JavaScript | Python | Django | ([Website](#), [Github Repository](#))

- Designed and developed a personal website using web technologies (HTML, CSS, and JavaScript) deployed with Python (Django) showcasing experience and knowledge in programming, designing, and web development.