



# JENNEFER B. LEE

## Technological Institute of the Philippines - Manila

A fourth-year Bachelor of Science in Information Technology (BSIT) student seeking an internship opportunity, with experience in freelance artistry. Specializing in innovative approaches to software and web development, as well as graphic design. Knowledgeable in database management, artificial intelligence, specifically in human-computer interaction, automation, and data analysis. Displayed effective team leadership, with capabilities in team management, adeptness under pressure, and time management. Recognized for meticulous attention to detail in planning and documentation, contributing to the successful execution of projects.

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🐙 <https://github.com/jblqc>

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### DESIGN PROJECTS COMPLETED/ RESEARCHES

- **NecessiPick: A Product Comparison System Enhancing the Food Retail Industry Employing Data Extraction Frameworks and AI for Data Refinement (2023)**

This study aims to develop a website comparing supermarket product information in Metro Manila, using web scraped data from Puregold, Waltermart, and Metro Market! Market!. The goal is to enhance the food retail industry through AI-driven data refinement and geolocation technology. (Link: <https://necessipick.onrender.com/>)

- **Development of an Interactive Recipe Management Website with Natural Language Query Chatbot and Django: Enhancing the Culinary Education at Center for Culinary Arts (CCA), Manila (2023)**

The Django-powered recipe website allows users to quickly access and manage recipes, rate others' creations, and perform basic database tasks through a user-friendly interface. Built with Bootstrap, HTML, Python, and jQuery, it ensures seamless accessibility across devices.

- **CJP: Chowking Job Portal Using PHP and MySQL (2022)**

The Chowking Job Portal aims to streamline job applications and aid administrators in effective system management, providing a comprehensive solution for job seekers and administrators alike.

- **NFT Marketplace Website Using Firebase Realtime Database, Google Authentication and Bootstrap (2022)**

The website showcasing NFT digital arts for purchase employs Firestore for real-time updates, Google Authentication for enhanced security, and a database for real-time order updates. (Link: <https://nft-hci.web.app/>)

- **Mabuhay Learning Management System (2021)**

The application includes basic features like Login Registration, Student Management, Schedules, Activities, and Teachers. The project is specifically designed to showcase the fundamental functions of a learning management system.

- **Mabuhay Veterinary Clinic: Appointment System Using Laravel Framework (2021)**

The project utilizes Laravel charts and a database to provide features such as registration, login, and real-time chart updates for website users. The database seeder populates the users' table with sample data for easier visualization of charts.

- **Cafe Ordering Application**

The mobile application features an ordering system with add-to-cart, registration, and login functionalities. The task involves designing the front-end components like vectors, buttons, and the overall interface.

- **Network Topology of TIP Arlegui Building (1st and 2nd floor) Using Cisco Packet Tracer**

The project employs Virtual Local Area Network (VLAN) to logically connect devices, segregate broadcast traffic, improve

security, streamline traffic management, and simplify the network infrastructure. Access control lists (ACLs) are used to restrict communication between VLANs, ensuring controlled access and enhancing overall network performance.

### ON-THE-JOB TRAINING/ INTERNSHIP EXPERIENCES

#### Freelance Graphic Artist Self-Employed

225 Kanlaon Street, Barangay Maharlika, QC July 01, 2022 - February 02, 2023

##### Task

Creation of conceptual artwork, character designs, background illustrations, and promotional advertisement visuals.

#### On-the-job-training: Technological Institute of the Philippines - Manila

CE/ECE/CPE Laboratories and Shops Department (OJT) 363 Casal St, Quiapo, 1001 Metro Manila

October 01, 2019 - December 14, 2019

##### Task

Sorting of laboratory equipment, handling student request for laboratory equipment.

#### On-the-job-training: Perpetual Help College of Manila

Accounting Department: Registrar's Office

363 Casal St, 1240 Concepcion St, Sampaloc, 1008 Metro Manila

October 01, 2019 - December 14, 2019

##### Task

Enter detailed student data into computer systems, Performing clerical tasks, such as printing academic transcripts for students

### KNOWLEDGE, SKILLS AND ATTITUDE

#### Design and Graphics:

Proficient in Figma, Adobe Photoshop, and After Effects for creative and visually appealing web designs, graphic design, and video content creation.

#### Programming Languages:

Knowledgeable in Python and JavaScript, JQuery, HTML & CSS, and PHP for web development.

Expertise in using these languages for developing web applications, automation, and data analysis

#### Frameworks and Libraries:

Knowledgeable in frameworks such as Django, Bootstrap, and Laravel for efficient web development.

Experience in web scraping technologies such as BeautifulSoup and Selenium.

#### Artificial Intelligence:

Knowledgeable in artificial intelligence, specifically in human-computer interaction, automation, and data analysis.

Experience using Geolocation API, and Natural Language Processing (NLP) for text generation.

#### UI/UX:

Proficient in UI/UX design, software testing, user journey, mockup designs, wireframing, user research, and interaction design.

#### Database Management:

Knowledge of database management, including MongoDB, Firebase real-time database, and MySQL.

#### Development Tools:

Proficient in using Visual Studio Code and Android Studio for development tasks.

### LEADERSHIP ACTIVITIES

Recipient of the 2018 Gerry Roxas Leadership Award for exemplary leadership as the president of the school council at Perpetual Help College of Manila. Proven dedication to excellence, continuous improvement, and effective leadership.

- Gerry Roxas Leadership Awardee, Perpetual Help Manila (2018) Gerry Roxas Scholarship Grantee (2018)
- Perpetual Help College of Manila- SC President (2017-2018)
- Involved in charitable work, contributing donations and goods to non-profit organizations, with a focus on supporting causes like homes for the aged.

### SEMINARS AND TRAININGS ATTENDED

Career Essentials in Software Development by Microsoft and LinkedIn (2024) LinkedIn Learning  
*December 30, 2024*

Programming Foundations: Beyond the Fundamentals (2024) LinkedIn Learning  
*December 28, 2024*

Programming Foundations: Fundamentals (2024) LinkedIn Learning  
*January 03, 2024*

Scrum: Advanced LinkedIn Learning  
*January 09, 2024*

Introduction to Career Skills in Software Development LinkedIn Learning  
*December 21, 2024*

Web Design: Introduction to Web Design Technological Institute of the Philippines (Via Zoom)  
*October 28, 2024*

Automate to Elevate: A Deep Dive into Robotic Process Automation  
*October 13, 2023*

Making Advertising Work webinar by Leeds Beckett University Study World Online Education Fair  
*April 20, 2022*

How to Make Ad Creatives Refocus E-Learning Philippines Corp. (Via Google Meet)  
*June 04, 2022*

Installing and Configuring Computer Systems TESDA Online Program  
*December 18, 2021*

### EXTRA AND CO-CURRICULAR ENGAGEMENTS AND VOLUNTEER WORK

#### Commissions/Designs

Book Cover Illustration: Twisted Children Stories (2022)

Fingerprint for Success (F4S) Social Media Ads (2022)

Promotional Poster/Social Media Ads (2022)

Fading Light Roleplay: Logo Design (2022)

A Book Label for Project Ratalia: Coat of Arms (2022)

#### Organizations

Microsoft Student Community Member  
*August 01, 2022 - May 01, 2023*

Entertainment and Multimedia Online Convention Member/Contestant  
*August 01, 2022 - May 01, 2023*

OpenSociety Member  
*August 01, 2022 - May 01, 2023*

### OTHER SKILLS

- Practical experience in commission-based digital art with a focus on custom artwork tailored to clients' needs
- Familiarity with Scrum methodologies, emphasizing detailed documentation for efficient project delivery. Strong coordination and management skills with a focus on facilitating smooth collaboration among team members.
- Demonstrated effective team leadership skills, including team management, adeptness under pressure, and time management. Excel in addressing issues related to systems through research and diverse projects.
- Proficient in data analysis and visualization using Weka and Excel. Networking skills using Cisco Packet Tracer.

### ACADEMIC AWARDS

**4th Year College - Technological Institute of the Philippines**  
Vice President For Academic Affairs Lister (Current)  
*1st Semester, GPA 1.38*

**3rd Year College - Technological Institute of the Philippines**  
President's Lister  
*1st Semester, GPA 1.03*  
Vice President For Academic Affairs Lister  
*2nd Semester, GPA 1.28*  
President's Lister  
*Summer, GPA 1.17*

**2nd Year College - Technological Institute of the Philippines**  
President's Lister  
*1st Semester, GPA 1.16*  
President's Lister  
*2nd Semester, GPA 1.26*

**1st Year College - Technological Institute of the Philippines**  
President's Lister  
*1st Semester, GPA 1.22*  
President's Lister  
*2nd Semester, GPA 1.07*

### REFERENCES

#### Bryan G. Dadiz

Assistant Professor 4, Senior Faculty Technological Institute of the Philippines  
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#### Sheila Marie Chua

Research Analyst  
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