

# ERIK LANCE L. TIONGQUICO

(Please contact my email for sensitive information)

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[itch.io](#) [MLSA](#) [LSLinks](#)

## EDUCATION

### De La Salle University – Manila

B.S. Computer Science Major in Software Technology

Manila

October 2020 – Present

- **CGPA: 3.44**
- **Relevant Courses:** Software Engineering, Statistical Modeling & Simulation, Application Development, Intelligent Systems
- **Consistent Dean's Lister since the first term**

## EXPERIENCE

### DLSU Microsoft Student Community

Vice President and Microsoft Learn Student Ambassador Representative

Manila

September 2022 – Present

- Ensured projects were aligned with the organization's goals. Successfully made communication and project organization easier. Also advised committee heads on how to better lead their members and on other internal issues.

### DLSU – Center for Empathetic Human Computer-Interactions

Research Assistant

Manila

March 2022 – Present

- Assisted with research of literature and conducting experiments. Helped co-author papers on HCI by finding and organizing various literature.
- Currently assisting with research on Digital Commensality involving facial recognition.

## PROJECTS

### Transaction Management | Azure, MySQL, Jest, Apache, Ubuntu Linux

April 2022

- Distributed database with 3 web app Azure servers with MySQL
- Developed deployment and Azure servers that handle transaction concurrency and recovery

[Link](#)

### Message Board System (MBS) | Python

December 2022

- UDP Client-server MBS made in Python. Made for Network class.
- Performed multi-threading and socket programming.

[Link](#)

### Product Management System | HTML, CSS, JavaScript, MongoDB, Express, Node

October 2022 – December 2022

- A web app solution for the inventory issues of Titafindsph for Software Engineering Class.
- Lead as a Scrum Master for a group of 7. Talked with a client.

### InFeed: Information Feed | HTML, CSS, JavaScript, MongoDB, Express, Node

April 2022 – July 2022

- A social media site deployed to Heroku cloud for application development class.
- Lead programmer to a group of three. Successfully made a working forum website.

[Link](#)

### Checkers/Chess AI | Java

April 2022

- AI with A/B Pruning made in Java.
- Learned minimax and alpha/beta pruning. Improved proficiency in Java significantly.

[Link](#)

## ACTIVITIES & EVENTS

### Microsoft

Microsoft Learn Student Ambassador

Makati

October 2021 – Present

- Exposed to Microsoft Technologies. Volunteered for Microsoft events.
- Held an online workshop on OneDrive and SharePoint which had 25 participants.

### GCPinas 2022

Participant, used GCP

Google Developers Cloud Group Manila

October 2022 – November 2022

### Microsoft Cloud Squad

Hero badge, also speaker during Connection Hours event, used Azure

Microsoft Philippines

April 2022 – July 2022

### StackLeague Challenge: DLSU Edition

3<sup>rd</sup> Place Winner, used Java

StackLeague Philippines

May 2022

## SKILLS

### Programming Languages:

- Python, Java, C#, JavaScript
- C, Ruby, Prolog, RISC-V, x86-32 Assembly, Verilog

### Frameworks / Tools:

- Azure, GCP, MySQL, MongoDB, Apache HTTP Server
- React, Bootstrap, SciKit
- NetLogo, Unity, Godot