ERIK LANCE L. TIONGQUICO

(Please contact my email for sensitive information)

Email: eriktiongquico@gmail.com
LinkedIn: https://www.linkedin.com/in/erik-lance-tiongquico/
GitHub: https://github.com/erik-lance
itch.io MLSA LSLinks http://eriklance.com/

EDUCATION

De La Salle University – Manila   **Manila**
B.S. Computer Science Major in Software Technology   *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

Orange & Bronze Software Labs   **Manila**
Java Software Engineer Intern   *April 2023 – May 2023*
- Trained in Java Spring, Cypress, and React. Worked on an NDA project.

DLSU Microsoft Student Community   **Manila**
President and Microsoft Learn Student Ambassador Representative   *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 lead their members better and on other internal issues.

DLSU – Center for Empathetic Human Computer-Interactions   **Manila**
Research Assistant   *March 2022 – Present*
- Assisted with research of literature and conducting experiments. Helped co-author papers on HCI by finding and organizing various literature. Previously assisted with research on Digital Commensality involving facial recognition.
- Currently working on a thesis project: a news reading mobile application for older adults.

PROJECTS

NewsMead: A News Reading App for Older Adults | Kotlin, Firebase, Room   *December 2023 (Actively Maintained)*
- Developed main features of the application and connected to Firebase.   Link

Transaction Management | Azure, MySQL, Jest, Apache, Ubuntu Linux   *April 2023*
- Distributed database with three web app Azure servers with MySQL.   Link
- Developed deployment and Azure servers that handle transaction concurrency and recovery.

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.

Checkers/Chess AI | Java   *April 2022*
- AI with A/B Pruning made in Java.   Link
- Learned minimax and alpha/beta pruning. Improved proficiency in Java significantly.

ACTIVITIES & EVENTS

Microsoft   **Makati**
Microsoft Learn Student Ambassador   *October 2021 – Present*
- Exposed to Microsoft Technologies. Volunteered for Microsoft events.
- Held an online OneDrive and SharePoint workshop with 25 participants.
- Held an online workshop on Azure and Game servers with 25 participants.

GCPinas 2022   **Google Developers Cloud Group Manila**
Participant, used GCP   *October 2022 – November 2022*

Microsoft Cloud Squad   **Microsoft Philippines**
Hero badge, also a speaker during Connection Hours event, used Azure   *April 2022 – July 2022*

StackLeague Challenge: DLSU Edition   **StackLeague Philippines**
3rd Place Winner, used Java   *May 2022*

SKILLS

Programming Languages:
- Python, Java, C#, Kotlin, Typescript, C++
- C, Ruby, JavaScript, Prolog

Frameworks / Tools:
- Azure, GCP, MySQL, MongoDB, Firebase
- React, SciKit, Java Spring, .NET
- NetLogo, Unity, Godot, SDL2