

# Joaquin O. Escarraga

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## EDUCATION

**De La Salle University-Manila (DLSU) - Bachelor of Science in Computer Science with specialization in Software Technology**, August 2023

**Honors/Awards:** Nominee for Most Outstanding Thesis Award (September 2023), Consistent Dean's Lister

**GPA:** 3.2320/4.0000

## EXPERIENCE

**Helping Youth Transcend Foundation Inc.: Klassic Group of Companies**, San Juan City

*Technology Intern*, June 2023 - August 2023

- Implemented a web scraping system by using Selenium Python
- Assisted in improving the website UI developed under the company through the use of Figma, HTML, CSS, and JavaScript
- Researched and developed ways to improve the implementation of the websites under the company

## SKILLS

**Frontend** | HTML, CSS, Bootstrap, Tailwind CSS

**Backend** | C#, Java, JavaScript, Python, Kotlin, and C

**Technological Applications** | Game Development (Unity), Mobile Development (Android Studio)

**Developer Tools** | Git, npm, Agile Scrum Methodology

**Soft Skills** | Attentive to details, Project Management, Problem-solving, Adaptability, Time Management, Communication, Leadership

**Languages** | English (Fluent), Filipino (Fluent)

## ACADEMIC PROJECTS

**Kwento ng mga Nilalang**

- Developed a 2D Procedurally Content Generated serious game for learning Philippine Mythical Creatures as an undergraduate thesis through the use of the Unity game engine

**Digislash**

- Created a top-down serious game alongside two developers about functions in programming using the Unity game engine

**Onlyfriends**

- Developed a chat application alongside two developers through Android Studio and Kotlin utilizing the features of Firebase's authentication, real-time database, and notifications

## CONFERENCE PRESENTATION

**Kwento Ng Mga Nilalang: Developing a 2D Roguelike Game for Learning Philippine Mythical Creatures**, LARO Conference 2023 (August 18, 2023) - SMX Convention Center, Pasay City

- A serious game using Game-Based Learning, Unity game engine, and outcome-based methodology to promote knowledge of Filipino mythical creatures. Conducted controlled experiments with university students aged 18 to 23, analyzing game effectiveness through Mann-Whitney U Test, paired samples t-test, and MEEGA+ model.

## CAMPUS ORGANIZATION EXPERIENCE

**Director for Project Activities and Management**, DLSU PRISM (2022 - 2023): Developed projects and activities for the organization with the help of the eight executives

**EmpowHER 2021 Project Head**, DLSU SPRINT (2021): Spearheaded an event alongside two co-heads a college-wide event that promotes the contributions and achievements of women in the field of technology

**Executive Secretary**, DLSU Computer Studies Government (2019 - 2020): Administered the documentation tasks to the two executives under the documentation committee

**Expected Salary:** 23k - 26k HKD; **Availability:** Immediate