TERENCE DEIN B. DUGANG

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EDUCATION

DE LA SALLE UNIVERSITY - LAGUNA CAMPUS
Bachelor of Science in Computer Science with specialization in Software Technology

SKILLS

- UI Design
- 3D Modeling
- Natural Language Processing
- Web Development
- 3D Animation
- Game Development
- Virtual Reality Development

WORK EXPERIENCE

DE LA SALLE UNIVERSITY – INSTITUTE OF BIOMEDICAL ENGINEERING AND HEALTH TECHNOLOGIES (DLSU - IBEHT)

November 2023 - Present

SIGLA: DEPRESSION RECOGNITION AND ANALYSIS FROM EEG: TOWARDS VIRTUAL REALITY-BASED THERAPY PROGRAM
Part-time: 3D Animator / Virtual Reality Developer
- Animated Non-Player Characters (NPC) and objects in virtual reality environments using Unity and Blender.
- Developed a feature to highlight gazed objects in a virtual reality environment using Unity.

August 2022 - October 2022

VIRTUAL REALITY TRANSLATION OF FILIPINO PERSPECTIVES ON SELECTED DEPRESSIVE SOCIAL CONTEXT
Intern: Virtual Reality Developer
- Co-wrote a conference paper and developed a Virtual Reality (VR) application in Unity for research on depression of Filipinos in certain environments.

RESEARCH PAPER PREPARED

October 2020 - February 2022

UTILIZING CHATBOTS AS COMPANION FOR SELF-ESTEEM ENHANCEMENT OF CHILDREN
Undergraduate: Team Lead / Developer
- Lead a team in creating and developing a chatbot in Google's Dialogflow using Natural Language Processing (NLP) techniques for self-esteem improvement of children ages 9 to 11.

REFERENCES

Mr. Justin Bernard A. Carlos

SCIENCE RESEARCH SPECIALIST II AT INSTITUTE OF BIOMEDICAL ENGINEERING AND HEALTH TECHNOLOGIES (IBEHT)
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Mr. Neil Laurence Zuniega Ortaliz

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