




DE CHAVEZ KARLO

SOFTWARE ENGINEERING STUDENT

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PROFILE

Enthusiastic and detail-oriented Software Engineering undergraduate with a solid foundation in programming languages, algorithms and software development methodologies. Currently pursuing an Undergraduate Bachelor's degree with Honors in Information and Communications Technology (ICT) Majoring in Software Engineering at Singapore Institute of Technology. Eager to apply theoretical knowledge gained in real-world settings, i have also independently undertaken projects focused on software/game development using Unity.

EXPERIENCE

INFORMATION TECHNOLOGY INSTRUCTOR

Logischool Ltd

Aug 2022 - Present

- Educate primary and secondary school students to improve their critical thinking skills, problem solving and algorithmic thinking.
- Educate students on Roblox game design
- Guide students on Block programming using technologies similar to scratch.

STUDENT HELPER (PROGRAMMING FUNDAMENTALS LAB LESSONS)

Singapore Institute of Technology

Sep 2023 - Nov 2023

- Assist lab instructors in guiding newly matriculated students on the module which is offered as an introductory course in Singapore Institute of Technology (SIT).
- Interact with students on their progress and difficulties
- Guide students on good Python and C programming practices.
- Assist non-technical students on improving their understanding.

STUDENT HELPER (SPICE PROJECTS - SOFTWARE AND VIRTUAL REALITY)

Singapore Institute of Technology

Oct 2022 - May 2023

- Developed an Augmented Reality Photobooth using Unity game engine for digital fiesta event hosted by Singapore Institute of Technology.
- Guide participants to connect their Crypto Wallet (MetaMask was used in the event) to the application
- Captured photo is uploaded into the Polygon blockchain which allows users to import their NFT into their wallet.

SKILLS

WEB DESIGN/DEVELOPMENT

WordPress, Visual Studio, Adobe Photoshop, WampServer, MySQL, HTML, CSS, JavaScript, ASP.NET, C#, PHP

ARVR/GAME/MODELLING DEVELOPMENT

Unity, Substance Painter, Blender, Source tree, GitHub, SteamVR,

GENERAL

Microsoft Word, Excel, Teams, PowerPoint, AutoCAD, Google Docs, Drive, Sheets, Slides

TIME MANAGEMENT

LEADERSHIP

EDUCATION

SINGAPORE INSTITUTE OF TECHNOLOGY

Bachelor of Engineering in Information and Communication Technology (Software Engineering)

Aug 2022 - Present

SINGAPORE POLYTECHNIC

Diploma in Information Technology (Game Development)

Apr 2017 - Apr 2020

INSTITUTE OF TECHNICAL EDUCATION

Higher Nitec in Information Technology

Mar 2015 - Mar 2017