Vivian Hoang Tran

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Education

California State University, Fullerton   August 2019 - August 2023
Bachelor of Science, Computer Science
Cypress College. Cypress   August 2016 - May 2019
Associate of Science Transfer, Computer Science

Technical Skills

- Computer Programming: Java, C++, C#, Visual Basic, RScript, SQL,, Kotlin, R, MPI, Python
- Gameplay Design
  - Game Engines: Unity, Unreal Engine 5
- Data Analysis
- Technical Writing
- Software Development: Apps, Web
- Project Management
- Quality Assurance

Soft Skills

- Time Management, Teamwork, Creativity, Communicative, Adaptable, Quick-Learning, Leadership

Projects

Knight Girl Platformer Game   August 2023 - Present
- Implemented using Visual Studio Code and Unity
- Purpose: Developed to create a simple 2D platform game
- Designed and developed game mechanics, animations and levels for platform game
- Implemented new game systems using scripting language, C#.

PokeCluster K-Means Algorithm   August 2022 - January 2023
- Implemented using Visual Studio Code, Atom and Linux
- Purpose: Developed to K-Means Algorithm using a Pokemon dataset. It displays a visual of clusters for each data type per Pokemon. A number of processes will be selected to select the equivalent number of Pokemon by random to create initial centroids.
- Used MPI to calculate through Pokemon dataset and select through random selection
- Illustrated statistics using Python

LICO Mobile Application   January 2022 - May 2022
- Implemented using Android Studio
- Purpose: Developed a community application where families of lower income would be able to seek financial aid and resources. It also allows users to connect with the community and get exclusive deals from local businesses
- Collaborated with a team of students to develop application, integrate app's assets and content
- Developed a sign in function of code in order to keep members organized and personalized

Work Experience

Flow Lobby   September 2023 - Present
Software Developer

Nike Factory Store, Orange   September 2018 - Present
Part Time Sales Representative

- Consult with over 20 team members to develop technical and optimal solutions for aiding consumers through company's digital journey
- Communicate efficiently and collaboratively along aside team members in a fast-paced environment
- Calculate store stock needed based on changing market trends and consumer needs