IOS GESTURE ALPHABET

CS Senior Project
- iOS keyboard extension that translates movements made by the user's phone to corresponding letters, with the use of Apple's CoreML models.
- Lead Development relating to applications core features and functionalities, front and back-end development.
- Lead team as leader through SCRUM workflow; ensures deadlines are met; happy to help team overcome obstacles.
- https://github.com/kjiroux/iOS-Gesture-Alphabet

ULTIMATE-DEX

Mobile Web Development Final Project
- Lead the development of Ultimate-Dex, a pokemon-related application created as a class project, using the PokeAPI.
- Ultimate-Dex provides quick pokemon-related data to the user, and allows them to save pokemon to their device for quick access.
- https://github.com/osu-cs492-w20/final-project-tamagucci

QUESTBOARD

Databases Final Project
- Questboard is a fantasy task assignment system, featuring guilds which can add quests to the board/forum. Each quest contains a reward set by the guild.
- Questboard utilizes MYSQL database to organize and contain guilds, their members, and quests that are posted to the board.
- Featured member log-in, allowing for members to subscribe to their respective guild(s).
- https://github.com/yanyan2019/cs340_project

QUICKTAROT

Web Development Final Project
- Worked with a small team to create a stylized website to give details about the interpretations of tarot cards, including Major Arcana and both their upright and upside-down positions.
- QuickTarot is a straightforward tool which offers clear representation of each card at various screen resolutions.
- Neatly held all information in a MongoDB database.
- https://github.com/osu-cs290-sp19/final-project-cs290_finalproject_-teamname

COURSES

- Advanced Web Development
- Game Development
- VR \ AR Development
- Computer Graphics
- Database Management
- Discrete Mathematics
- Operating Systems
- Parallel Programming
- Artificial Intelligence
- Machine Learning
- Data Visualization
- Analysis of Algorithms