**MaVRick** - *Gameplay Programmer - UE4, Blueprints* - Published April 2018 on [Play Store](https://play.google.com/store/apps/details?id=com.WildWestWorkshop.MaVRickMobileArena) and [itch.io](https://teameetings.itch.io/mavrick)

An action game where you pinball and charge at enemies with your fists to send them flying out with an explosion.

* Implemented a spawn system allowing to create desired intensity in the game by tuning the difficulty of each set of spawned waves and the threshold to spawn every new wave.
* Worked single-handedly on the ‘Fighter’ enemy AI that blocks attacks from the front, needs to be stunned from behind before being able to take damage and can do a short-range charge at the player.
* Setup complete animation state machines for the ‘Fighter’ and ‘Shotgunner’ enemies.
* Designed player abilities and enemies to create intense and high-octane gameplay.

**Combat System Paper Prototype** - *Game Designer*

* Designing a paper prototype using cards and a tiled map to simulate the mechanics involved in Action Game combat.
* Emulated critical timings and reactions by associating execution times with actions like the attacks, blocking and evading.
* Working on including mechanics to affect enemies in ways such as pushing, staggering, launching etc. in order to play out combat strategy.

**Stick-Man Fight** *- Animator - Flash*

Published on [YouTube](https://youtu.be/MIk4PAED2iI)

* Created a frame-by-frame animation in Flash depicting a fight sequence between stick figures.
* Animated characters focusing on technicalities of the moves they execute.
* Animated specific actions with special effects like trailing effects for kicks, screen shudder, blood spurt etc.

**ACTIVITIES & ACCOMPLISHMENTS**

* DotA player since May 2008 with a thorough understanding of the game’s systems and mechanics.
* Dota 2 player since the Closed Beta with currently 1600 hours played.
* Achieved 2nd place at a college LAN event for DotA in 2013.
* Event head for the Dota 2 LAN at K.J. Somaiya’s ‘Abhiyantriki 2013’ where I led a team to setup for the event, handle logistics and setup matches.
* Managed the Need for Speed: Most Wanted LAN at K.J. Somaiya’s ‘Abhiyantriki 2012’ where I was responsible for setting up races and handling logistics.
* Member of the ‘Computer Society of India’ student chapter for the academic years 2012-2013 and 2013-2014 where I worked in the preparations for college festivals.