



Kalpan Agrawal

GAME DESIGNER

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Profile

Aspiring to become a Virtual Reality Game Developer, I am pursuing my Master's in Game Science and Design at Northeastern University. I have a strong programming background in python although my interests and motivations lie in the Game Development and Design field, particularly Virtual Reality Gaming.

Employment History

VR Lab Assistant, Northeastern University, Boston

September 2021 — Present

AI Engineer, AI Mulla Group

February 2021 — August 2021

Worked extensively on Python ML projects. Two among my many projects were a Face Recognition service for user login and Smart Chat-bot service for customer support.

Software Developer, AI Mulla Group

September 2019 — August 2020

Back-end Software development on Python and Web-designing on ReactJS (JavaScript)

Education

MS in Game Science and Design, Northeastern University, Boston

August 2021 — Present

B. Tech in Computer Engineering, Maharashtra Institute of Technology, Pune

June 2015 — May 2019

Skills

C# Programming

C++

Unity

Unreal

Game Design

Python

Internships

Intern, TechnoWings, Pune

June 2018 — July 2021

Hobbies

Reading, Swimming and Gaming.

Languages

English

Hindi

Games

A Dinner Tale

September 2021 — December 2021

A 3D Multiplayer Cooperative Board Game wherein 3-5 players cooperate and make recipes for monsters in a restaurant. The players cannot see their own cards (but can see other's) and have to give others hints and suggestions to finish the monsters requirements.

Sticky Rooms of Death

November 2021 — December 2021

A simple 2D Platformer game where the player has to run from sticky monsters and escape the deadly rooms.

Projects

Blockchain-based cloud storage platform

October 2018 — March 2019

A Blockchain-based cloud storage platform which incorporates blockchain concepts and provenance database for authentication and verification

Credit Card Fraud Detection Software

September 2018 — November 2018

Credit Card Fraud Detection using Machine Learning. The Credit Card Fraud Detection includes modeling past credit card transactions with the knowledge of the ones that turned out to be fraud.

Courses

Master Unity By Building 6 Fully Featured Games From Scratch, Udemy

September 2021 — September 2021

Unity: Building VR User Interfaces, LinkedIn Learning

November 2021 — November 2021

Unity: From Master To Pro By Building 6 Games, Udemy

December 2021 — December 2021

Extra-curricular activities

All-India Rank 40 in Technothon Competition, Guwahati

September 2013 — September 2013

Earned All-India Rank 40 in Technothon School Competition held by IIT Guwahati, and participated in Workshop and Competition on Robotics at IIT Guwahati

Math Competitions

Reached the final round of IMO (International Math Olympiad) during school days.

Selected for further rounds of RMO (Ramanujan Ganit Spardha).