

Nikunj Rathod

To work for an organization which provides me the opportunity to improve my skills and knowledge that will help me to grow and achieve organization objective.

Links

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Education

2019-2021

IT: Gaming Experience Development

New Brunswick Community College, Canada
GPA: 3.2/4.4

2015-2020

B.TECH (IT)

Chandubhai S Patel Institute of Technology, India
CGPA: 7.1/10

Interests

Data Science
Game Development
AR/VR Development
Machine Learning
Deep Learning
Reinforcement Learning
Creative Coding
Quantum Computing
Web Development
Cloud Computing

MOOCs

COURSERA

Machine Learning
Deep Learning
Natural Language Processing
Reinforcement Learning
Game Development
VR Development
Data Science - IBM

Experience

Dec 2018 – April 2019

Intern

Hariskylene, Ahmedabad, India

I used Unity gaming engine to develop a basic 3D game with help of C# programming language. Also, I learned AR and VR development with Unity to extend on our game idea. Game is running online on this website

<https://nikunj3011.github.io/EducationGame>

Unity (C#), 3ds Max, After Effects, Illustrator, Photoshop, Nuke, Substance Painter, Substance Designer, Houdini, Blender, V-ray, and Phoenix FD for 3ds Max

Skills

OS

Linux, Windows

LANGUAGES

Python, Java, C, C++, Processing, JavaScript, C#, Qt, ASP.Net, Android (Kotlin)

DATABASE

SQL server, Oracle SQL and PL/SQL, MySQL

WEB

HTML5, CSS, SCSS, jQuery, Bootstrap, JSON, XML, WordPress, Java EE, ASP.Net (Core and Framework), p5.js, Jenkins, Selenium

CLOUD

AWS, Google, Firebase, IBM Cloud, GitHub, Git, Docker, Kubernetes, POSTMAN

GAME SOFTWARES

Unity, Unreal, 3ds Max, Substance Painter, Substance Designer, Houdini, Blender

Tools

JIRA, Visual Studio, Visual Studio Code, Net Beans, Anaconda, Android Studio

CREATIVE TOOLS

Photoshop, Illustrator, After Effects, Adobe XD, Pencil

Projects

Education App

Major Project

3D game that could be used for fun and as an efficient way of teaching Mathematics. Also, some part of the project was carried out in AR and VR to learn new technologies emerging in the field.

Java Web App with database on AWS

Project

Developed Java Web application using MySQL database, Servlet, JSP, and Java and deployed on AWS Beanstalk. Also used AWS bucket to host static website.

Image Classification using Deep Learning

Course Project

Used CNN architecture and transfer learning to classify images of Hand signs.