



Gaurav Nanda

Game Programmer

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Skills

C/C++

Unreal Engine 4

Visual Studio

C#

Unity 5

Perforce

Java

JIRA

Projects & Experience



UNIVERSAL CREATIVE/ INTERN PROGRAMMER

OCT, 2017 - DEC, 2017, ORLANDO

Designed and developed the client-facing modules of an internal mobile application prototype, including the UI elements.

Acted as point of contact for Perforce and Unreal Engine 4 C++.

Created a system for a project from the ground up, while also managing all source control branches, including stability builds.

FLORIDA INTERACTIVE ENTERTAINMENT ACADEMY (FIEA) / STUDENT

AUG, 2016 - AUG, 2017, ORLANDO

The Draft, Capstone Project

Collaborated with designers to develop gameplay as an Archer in VR from scratch, using Unreal Engine 4.

Prototyped and implemented Vector tracking on hand-held player weapons in VR, enabling realistic blocking for the Enemy AI.

Ghost Chamber, Gamelab Project

Created a plugin for AutoCAD to use the Microsoft Kinect as an input device for Zoom, Orbit and Pan gestures in AutoCAD.

Engineered two, different prototypes to run a Pepper's Ghost illusion.

Physics Model of a Boat in Water, Personal Project

Implemented a physics model that enables a boat to utilize a collection of forces so that it behaves buoyant, accurately, on a body of water.



CAPGEMINI INDIA / SOFTWARE ENGINEER

FEB, 2014 - JUL, 2015, MUMBAI

Developed modules for the Middleware solution of Michelin ERP-BB.

Created an automation tool with the support team for deduction of technical problems, thus improving their efficiency.

Education

UNIVERSITY OF CENTRAL FLORIDA/ MS IN INTERACTIVE MEDIA - MAJOR IN PROGRAMMING

AUG, 2016 - DEC, 2017

UNIVERSITY OF MUMBAI/ BE IN COMPUTER ENGINEERING

AUG, 2009 - JUL, 2013