Arnav Nigam

Student

Junior Year Undergraduate in Computer Science, PDPM IIITDM, Jabalpur

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Skills

Programming Languages: C, C#, Python

Software: Unity3D, Axure, Vuforia, ARCore, Spark AR

Web-development : HTML, CSS, PHP, MySQL, Django

Projects

Psychological Health Assessment in the context of NLP

JANUARY 2019 - Present

Mental illness is one of the most pressing health issues. We are working on a system that can analyze the writings of a patient to assess his psychological health and can recommend further treatments.

Retrace your Path

March 2019

A short project on the plane detection feature of Google-ARCore, which helps in retracing your path to the point from where you started.
See the video

Awareness for Climate Change (Augmented Chatbot)

DECEMBER 2019 - March 2019

School textbooks are providing enough stuff to know about climate change to students. To make it more effective so that they can become aware of the global problem, we are designing an interactive solution that will present the whole text-book chapter in the form of conversation or narration. Augmented Reality chatbot is our solution.
See the video

Augmented Reality Tracing app

MAY 2019 - JULY 2019

Presented at the 10th International Conference on Technology for Education, T4E 2019
Our aim for the project was to make an alternative for the tracing activity sheet. AR tracing app, which is an application of Augmented Reality, creates interactive learning environment for children.
Tools: Unity3d, Vuforia
See the video

Tremor Cancellation Device

AUGUST 2018 - JULY 2019

Exhibited at National-level Institute Innovation Council
A device to nullify hand tremors created by Parkinson disease, using Arduino, Gyrosensor and Servo motors.
Tools: Arduino, MPU6050, Servo-motors
See project demo video

Allury Social Media Platform

AUGUST 2018 - NOVEMBER 2018

It was a social media platform to showcase talent especially for artists, made as a group effort. The project provided a learning experience for us. We used web technology such as HTML, CSS, PHP, and MySQL.
Project-Link

Work-Experience

Participant in AR Open Program, Facebook School of Innovation

March 2019 - Present

In this program, 250 student teams (2 students per team) are being selected from a nationwide pool and trained by industry experts over 12 weeks through the School of Innovation. The teams are given full Scholarship to partake in the program and the top 25 teams will be invited from National Demo Day hosted by Facebook.

Summer Internship, IIT Kharagpur

MAY 2019 - JULY 2019

Project - Augmented Reality Tracing app
Mentor - Dr. Kaushal Kumar Bhagat

Educational Details

PDPM Indian Institute of Information Technology Design and Manufacturing, Jabalpur

JULY 2017 - JULY 2021

Bachelor of Technology in Computer Science and Engineering
CPI: 8.1/10

BGB Inter College, Chambal Tara, Jaunpur (UP Board)

JULY 2014 - JULY 2016

Intermediate
93.4%

SVM Barinath, Jaunpur (UP Board)

JULY 2013 - JULY 2014

High-school
97.5%

Achievement

2nd Position in High-School, Board-Examination (2014)