Mayank Raj

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Education

08/2016 – 05/2020
B. Tech (IT) / Trident Academy of Technology, Bhubaneswar

05/2014 – 04/2016
Senior Secondary (I.Sc.) / Delhi Public School, Ranchi

Work Experience

04/2019
Augmentation Engineer (Intern) / CrispAR, India
- Improved reliability & latency significantly by updating the Networking API.
- Enhanced the UI & created multiple animated short clips for marketing.

03/2019 – 04/2019
Full-Stack AR Developer (Intern) / Vkenn Technologies, India
- Prototyped two multi-platform apps, running on Android, iPhone & iPad.
- Implemented Vuforia & ARCore SDK along with Google Firebase real-time authentication & storage.

Skills

- Python
- Java
- C#
- C++
- Augmented / Virtual Reality
- Machine Learning (Computer Vision)
- Unity3D (Android, iOS, Windows)
- Blender3D (Modelling, Animation)

Projects

- **Tri-Netra** - An AR based navigation system for Trident Academy of Technology. C#, Unity, Blender. Source: github.com/AgrMayank/Tri-Netra
- **AidXR** - Developed an Emergency First Aid & Basic Life Support training app using Augmented Reality. C#, Unity, Blender. Source: github.com/AgrMayank/AidXR
- **Shopping Portal** - Launched an "e-Commerce website" using WordPress, Amazon Affiliate.
- **Watson AI in AR Foundation** - Built an AI Powered AR Character with ARFoundation by implementing IBM Watson AI. Source: github.com/AgrMayank/Watson-AI-inARFoundation
- **Solar System AR** - Developed an app for an engaging learning experience, which augments our solar system into our room using AR. C#, Unity, Blender. Source: github.com/AgrMayank/Solar-System-AR

Certifications

- Handheld AR App Development with Unity (Coursera)
- Introduction to Augmented Reality and ARCore (Coursera)
- Machine Learning (Coursera)
- Complete Python MasterClass (Udemy)

Achievements & Activities

- Selected as a Speaker & Made with Unity (MWC) showcase at Unity Day, Pune.
- Shortlisted amongst top 5% teams in HackYourReality hackathon Phase-I by Accenture.
- Managed a project on IoT & AR projects at Cisco thingQbator, TAT.