SPANDAN PATEL

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PROFILE

➢ I am an aspiring Gameplay Programmer. I love creating different mechanics of games. I am enthusiastic about math, programming and creativity. That is why I chose Game Developer as career option.

EDUCATION

➢ Centennial College, Toronto, Canada – Advance Diploma, Game Programming Fast-Track (Winter 2021 - Current)

➢ LDRP Institute of Technology and Research, Gandhinagar, India – Bachelor of Engineering, Computer Engineering (2015 - 2019)

TECHNICAL EXPERIENCE

➢ Languages – C#, C++, Python
➢ Sound knowledge of Java, JS, ExpressJS, HTML, CSS.
➢ Currently learning Unity Engine, Unreal Engine, Shader using GLSL, Blender, Machine Learning and its application.
➢ Experience with Git, Visual Studio, OpenCV, OCR, Pandas, Wowza Streaming Engine, Flask and SQLite development technologies.

PROJECTS

- **LIVE AHMEDABAD -** A website with system of real-life city problems like traffic management, crowd monitoring, live streams of religious places, parking management and complain management. Using technology like Image Processing, OCR (Optical character recognition), Google Maps, Streaming Cloud Service and Database with the help of Python, OpenCV, Google Maps APIs, Wowza Streaming Engine, SQLite and Flask to make whole system.

- **MUSIC RECOMMENDSTION SYSTEM -** A pure Machine Learning approach (Popularity Based and Collaborative Based Filtering) to recommend users new songs based on their taste in music using Python and Pandas. A Software Engineering approach for Project Report.

- **HOSTEL SELECTION PORTAL -** A dynamic Website for the Admission in hostel and selection of accommodation type by using the grades and home location of a student.

- **ONLINE GAME SHOP -** A Website on which we can see the information about different genres of Games and check the system requirement of games and purchase games as well. A Software Engineering approach for Project Report.

WORKSHOPS

- **WORKSHOP IN PYTHON -** A Python workshop on Web Development with Django at Vishwakarma Government Engineering College in GTU Central Tech fest 2018 of two days. On the first day the basic of Python Language was taught and on the second day we learned to build a simple website using Django server.

- **LECTURE SERIES ON ICT -** A lecture series entitled "EMERGING TRENDS AND TECHNOLOGIES IN ICT-2018" of 2 days at LDRP-ITR which consists of Structured Agile and DevOps, Entrepreneurship: development and startup opportunities, Internet of Things, AWS, Industry Automation and Cyber Awareness.

- **WORKSHOP IN PYTHON –** Another Python-Django workshop at LDRP-ITR in July, 2018 for two days in which students have to clear one Python online programming test to attend this workshop. In this workshop we got to know more in depth about Django server and created simple blog like website using Django server.

EXTRA-CURRICULAR ACTIVITES

- Active participation in various technical events held in our college and other colleges as well.
- Took part in decoration committee in our college technical festival.
- Completed Har-Ki-Dunn Trek in Uttarakhand, India.
- Selected in college football team.
- Participated in Marathon of Vishwakarma Government Engineering College in GTU Central Tech fest 2018 for RUN FOR CLEAN ENVIRONMENT.

AWARDS RECEIVED IN COMPUTER FIELD

➢ Smart Gujarat for New India Hackathon: Region Level (21-22 February 2019)

➢ Smart Gujarat for New India Hackathon: Grand Finale (6-7 April 2019)

➢ Smart Gujarat for New India Hackathon: Region Level (10-11 March 2018)

➢ Smart Gujarat for New India Hackathon: Grand Finale (24-25 March 2018)

➢ Winner of X-Code Ranger event held on technical festival at my college

HOBBIES AND INTERESTS

➢ Creativity (Art and Craft)

➢ Solving mathematical or logical puzzles

➢ Playing all kinds of Sports (Especially Football)

➢ Reading

➢ Music

➢ Fitness