Smit Bhavsar

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Education

Bachelor of Engineering: Computer Engineering, Graduation Year: 2023, Ryerson University.
CGPA: 3.51/4.33, Dean's Honour List: 2020.

Experience

Dr. X Academy of Robotics & Coding   04/2021 – Present
Robotics & Coding Instructor

- Teach students 2D/3D game making using Unity/Construct2/Scratch with both graphical and text-based coding, as well as mobile app development using App Inventor.
- Instruct students the basics of LEGO Mindstorms EV3 including robot mechanical design, programming and uses of various sensors such as gyro, light, and ultrasonic sensors.
- Taught the entire FIRST Tech Challenge curriculum, with a dream to one day lead the team to our first ever FTC World Championships

Soccer World Ryerson   03/2021 - Present
Graphic Designer

- Operated within tight timelines to deliver finished, high-quality designs on time.
- Design art, layouts, montages and compilations in line with brand vision, using Canva and iMovie
- Built an elegant website for the organization to attract new users to come and join our club to share the same passion we do for the sport: https://www.soccerworld.group/.

Ryerson Gujarati Association (RGA)   09/2020 - Present
Vice President of Technology

- Orchestrated and motivated diverse tech team, planning out more than 5 events; including a GoFundMe in which our organization raised over $1500 to supply Indian cities and villages with much needed oxygen cylinders due to the rapid spread of the 2nd wave of COVID – 19.
- Monitoring and making a website for the newly formed organization, including finding a suitable domain that fits the needs of the organization: https://www.ryersonga.com/.

Skills

- Problem Solving • Logical Thinking • Teamwork • Communication • Software Development • Machine Learning • Objected Oriented Design • Software Testing & Debugging
- Java • Python • C#/C++ • Swift • HTML • CSS • Git • JavaScript • XCode • VHDL • Multisim • SQL • UML

Projects

Portfolio Website
HTML • CSS / Visual Studio Code: https://smitbhavsar.me/

- Designed and developed a fully responsive portfolio website using HTML, CSS and JavaScript
- Also used Bootstrap Framework to incorporate open-source templates for UI Interface elements

FIRST Tech Challenge Curriculum
Java / Android Studio: https://github.com/smitbhavsar93/FTC-Robot-Controller

- One of the major courses that I taught during my time at Dr. X Academy was the full First Tech Challenge curriculum. This included 3 parts, Java programming, Advanced Mechanical design using SolidWorks / Fusion360 as well as Android Studio
- The GitHub repository includes all the programs that either I instructed or students have accomplished