BHAVIK
PANCHAL

Software Engineer

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BhavikPanchal28.github.io/OnlinePortfolio/

PROFILE

Hard working, newly graduated Software Engineer with fundamental knowledge of software design, development, and 3D animation. Seeking to utilize personal and educational background with great analytical, technical, and programming skills to thrive as a software engineer.

EDUCATION

Bachelor of Software Engineering (Honours) | Ontario Tech University
2016 – 2022

- Achieved Dean's list in final 6 semesters.
- Completed Capstone project in Graduating Year

Relevant Coursework: Java Programming, C++, Data Structures, Object-Oriented Programming, Database Management Solutions, Information Security, Web Programming, Assembly Language Programming, Computer Architecture, Software Engineering Process Management, Software Quality Testing

RELEVANT EXPERIENCE

Web Developer (Part Time) | Freelance
2022 – CURRENT
Proficient in front-end and back-end technologies, dedicated to delivering high-quality, responsive, and visually appealing web solutions. Skilled in collaborating with clients to understand their unique needs and translating them into functional and engaging digital experiences.

Assistant Manager (Part Time) | Western Motel
2021 - CURRENT
Assist with managing all aspects of the motel, including checking-in and assisting guests, as well as providing solutions for administrative problems, overseeing payroll, scheduling and supervising staff.

SKILLS

- Web Application Design and Development (HTML/CSS/JavaScript)
- Blender (2 Udemy Course certificates- 'Blender Mega course' & 'Creating 3D Environments in Blender')
- Python

- Microsoft Office, Visual Studio & Android studio
- Agile/Scrum/Waterfall
- Detail-oriented individual
- Work well in a team environment as well as individually

PROJECTS

Object Detection and Environment Mapping with Intel RealSense Lidar L515 - Capstone Project

- Worked in a team to design and develop an object detection and 3D environment mapping system to work with a Lidar. This project was completed using Python, Open3D, RTABMAP.

Music Playing Application for Android Phones

- Created a Music player using Android Studio, which retrieves all of a user's mp3 files and allows them to play, pause, skip, go back and more. Users must create an account to use the application.

Analysis of Most Popular Programming Languages

- Used a dataset containing popularity of programming languages throughout the years to generate a calculated estimation on the popularity of programming languages in the future. This was done using Python, and the estimations were made using an ARIMA model.

References available upon request.