Ruban Singh

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Education

Computer Science from Kendriya Vidyalaya

Graduated in May 2021

Currently pursuing Diploma in Computer Programming from Cambrian College

Graduated in April 2024

Relevant coursework: Data Structures and Algorithms, Computer Organization and Architecture, Object-Oriented Programming, Database Systems, Software Engineering, Operating Systems.

Experiences

ACCOUNT MANAGER - Roger Communications

Apr 2024 - Present

- -Conducting personal development workshops
- -Marketing campaigns to promote products through multiple mediums
- -Team building and team training
- -Self development -Manage customer database

SENIOR MARKETING CONSULTANT - Telus

Apr 2023 - Mar 2024

- -Operated marketing campaigns
- -Conducted interviews
- -Team building and team training
- -Generating revenue and acquiring new clients

Extra-Curricular Activities:

Computer Assembly:

- -Built custom computers for Blender (3D design), Unity (game design) and Premiere Pro, and PhotoShop
- -Configured hardware and software to optimize performance and got rid of bottleneck issues
- -Tested and troubleshot systems before deployment

(Resources used: YouTube (LinusTechTips), PC Building Simulator)

Resistance Calculator:

- -Created a resistor calculator to simplify calculations in electrical classes
- -Used Libraries like Tkinter and cProfile for UI (window for the application, labels, and buttons)

(Resources used: programming language Python, Visual Studio Code, W3Schools)

NFT Project:

- -Created an NFT project, Doggo project (yet to be released), of 888 unique pieces using **JavaScript** for the **Ethereum blockchain library**, featuring unique digital art and smart contract functionality.
- -Used **photoshop** to make assets and backgrounds
- -Utilize IPFS to handle image storage and retrieval

(Resources used: Visual Studio Code, JavaScript, Photoshop, GitHub, and photoshop)

Top-Down Shooter:

- -Developed a top-down shooter game using **Pygame** and **Python**.
- -Utilized object-oriented programming principles to create game entities, such as players, enemies, and projectiles. Implemented collision detection and handling.

(Resources used: Visual Studio Code, programming language Python, opengameart.org)

Skills:

- Excellent communication and interpersonal skills
- Proficient in programming languages such as Java, Python, and C++
- Experience with web development using HTML, and JavaScript
- Knowledge of database systems and SQL

- Familiar with the command line interface
- Computer assembly
- Video editing, Photoshop, Special effects
- · Strong analytical and problem-solving skills