

Pritpal Singh Grewal

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I&IT Technical Analyst/Developer

C# | HTML | Problem Solver

- A creative student of software engineering, specializing in Game Programming
- Skilled with setting up computers, connecting monitors with desktop, installing windows
- Familiar with cmd commands, windows applications.
- Knowledgeable with C# and C++ (OOP) and C in procedural programming
- Good knowledge in Microsoft office applications like Excel, Word, Powerpoint, Teams, Visio
- Skilled with mySQL, Unix/Linux, HTML, CSS, JavaScript
- Trained with Agile and Waterfall methodology and software development life cycle (SDLC)
- Foundations of game design using Unity and C#
- Familiar with 2D/3D assets creation using Gimp and Blender
- Familiar with writing unit tests in C#, Test classes in Java.
- Experience using GitHub for pushing/pulling files, creating new repositories & cloning projects
- Excellent problem solver and quick learner who effectively works in a team or independently

Education

Game – Programming Advanced Diploma

Jan 2022 – Present

Centennial College, Toronto, ON

- *Related Courses Include:*

Programming I, II

Linux/Windows

Web Interface Design

Unreal Game Programming

Web Interface Design

Web App Development

Software Systems Design

Software Requirements

Java Programming

Academic Projects

- Created a simple calculator using Windows Forms template in C#
- Written unit tests using C# for programs, also written test classes for programs in Java.
- Familiar with test cases, use case scenarios, ERD models.
- Written shell script to create basic calculator in linux terminal.
- Designed versions of classic games Space Invaders and Pong in Unity using C#
- Developed forms on web application using JavaScript
- Created express portfolio website design using Node js, EJS, HTML, Bootstrap
- Created a layout of a marketing website using HTML and CSS
- Designed an attractive company logo using Gimp
- Current projects include: 2D platform game in Unity, creating 3D game assets in Blender, Web application using Node.js, JavaScript, HTML, CSS, Bootstrap, Windows Forms using C#

Other Work Experience

Mobile Security Supervisor (Part-Time)

June 2022 – Present

Security Management Services, Toronto, ON

- Visiting client sites to provide training and check performance of security guards
- Deliver equipment to guards at different sites and provide critical information on processes, procedures, policies, issue resolution and guidance on situations of escalation

Freelance Projects

- Created portfolio images for clients using Photoshop, Adobe Lightroom and DSLR.
- Created small VFX videos using After Effects and Adobe Premiere Pro
- Created Logos, graphics, shapes using photoshop and adobe illustrator

Security Officer

June 2017 – June 2022

Forest Hill Group, Toronto, ON

- Monitor cameras for activities, responding to, documenting and reporting issues of concern
- Liaise with emergency services, service providers and management as needed
- Ensure safety of persons and property, through exercising sound judgement
- Responsible for auditing inventory and entering data into Microsoft Excel
- Provide customer service to clients and answer phone to assist clients
- Assist and direct clients in emergencies such as fire alarms and floods

