WOOBIN (RUDY) IM

S o f t w a r e   D e v e l o p e r

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PROFILE

Motivated software developer with bachelor's degree in Computer Science and Engineering. Unique combination of visual expertise with a diploma in 3D animation and membership in the Truro Art Society. Passionate about blending technical proficiency with a creative approach to problem-solving. Leveraging artistic and mechanical skills to deliver seamless and reliable application experience.

EDUCATION

Digital Animation 3D   Jun 2023
Nova Scotia Community College | Truro, NS, Canada
- Weighted Average: 93.19
- Delivered quality artwork within deadline by planning, organizing, and managing projects to successful completion
- Provided updates and feedback to progress in limited time for the best outcome
- Created 3D animation utilizing Python script
- Strong skill in design concepts

Mechanical System Design Engineering & Computer Science and Engineering   Feb 2017
Seoul National University of Science and Technology | Seoul, South Korea
- GPA 100-point scale: 93.4
- WES Canadian equivalency: Bachelor's degree (four years)
- Took courses to learn computer science principles like AI, data structure, OS, and network
- Collaborated with peers who developed mechanical parts to design and develop machine learning automated application for golf stick assembly processes in C# that operated successfully
- Created a 4-wheel robot designed with Creo, operates with C language, and serial communicate with a desktop C# GUI to get commands
- Participated in weekly lab meetings to make progress in both project work and support activities

PROFESSIONAL DEVELOPMENT

JavaScript Algorithms and Data Structures   Feb 2025
freeCodeCamp

Python Essentials 1   Jan 2025
Cisco

Responsive Web Design   Dec 2024
freeCodeCamp
HTML | CSS

Foundational C# with Microsoft   May 2024
freeCodeCamp

TECHNICAL STACK

Programming Languages:
SQL, HTML, CSS, JavaScript, PHP, C#, Python, and Java

Development Tools:
Visual Studio, Git, GitHub, and Unity

Other:
Photoshop, Illustrator, After Effects, and 3D Art

SOFT SKILLS

- Proficient in prioritizing tasks and managing time effectively
- Effective team player and independent worker
- Strong verbal and written communication skills
- Strong organizational skills and attention to detail

PROJECTS

Web development   2024 - Present
https://rudy-im.github.io/web-portfolio/
- Experience of building and maintaining various aesthetic and functional web-based applications

Games developed with C#   2024
https://rudy-games.itch.io/
- Problem-solving skills and attention to detail, ensuring smooth gameplay and a seamless user experience
- Proven skill to test, debug, and deploy to ensure smooth integration

3D Art Demoreel   2023
https://www.youtube.com/watch?v=rBunITQtVYU
- Expertise in visual aesthetics and 3D technology to create beautiful scenes

Stock data analysis program with Python and SQLite   2017
https://github.com/rudy-im/Wealth
- Proven skill to develop new applications and add enhancements by programming software that collects, stores, and analyzes stock data using outer API

Engineering Portfolio   2017
https://rudyim.wordpress.com/
- Skilled in designing and developing embedded software control systems

EXPERIENCE

Baker   Aug 2023 - Dec 2024
Atlantic Superstore | Truro, NS, Canada
- Prepared fresh, high-quality baked goods while ensuring consistency and meeting customer needs
- Experienced using ERP software like SAP for ordering inventory
- Increased Periscope utilization percentage close to 100% by understanding the software, counting and planning production properly

TRAININGS

Skills For Hire - Cybersecurity   Feb 2025 - Present
Digital Nova Scotia
Network | Cybersecurity | Python | Communication

Developing Your Skills   Dec 2024
SkillsPass
Active Listening | Negotiating | Technical Writing

Digital Skills for Women+   Nov 2024
St. Francis Xavier University & Digital Nova Scotia
Digital Strategy | Marketing | AI | UI&UX | SEO | Web Development | Data Management | Cybersecurity

ACTIVITIES

Artist Member   Feb 2024 - Present
Truro Art Society
- Participated in group exhibitions with acrylic painting on canvas

Summer Game Jam   Aug 2024
Dal Interactive GameDev
- Planned to develop a game in 4-day timeframe using Trello
- Created a 3D game, using Blender for modeling, Illustrator for UI, and Unity C# for development

3D Digital Game Art competition - Gold Medal   Mar 2023
Skills Nova Scotia
- Created concept arts for 3D assets
- Modeled, UV mapped, textured, and animated 3D assets in 6-hour

VOLUNTEER EXPERIENCE

English as an Additional Language Tutor   Feb 2025 - Present
Immigrant Services Association of Nova Scotia