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Roman Pittana

Education

B.S. in Computer Science, GPA: 3.5

University of North Texas (UNT), May 2027

Skills

Languages: C/C++, Java, C#, Python, JavaScript, Batch, SQL, HTML, CSS
Operating Systems: Windows, UNIX
IDEs: Eclipse, Visual Studio Code
Other: MS Office Suite, Git

Projects

Sim City Recreation | C++

- Worked and lead a team to design a recreation of the SimCity game.
- Implemented algorithms in a 2d vector of custom objects to simulate the city
- Developed various operations to simulate population growth, available workers, and pollution

Discord Text Chat Bot | C#

- Learned how to use Discord's unique API to program the bot in C#.
- Implemented responses for user input into the text chat.
- Developed dynamic responses based on user information such as I.D. code, username, and messages.

Unity 3D Game | C#

- Lead a team to design and develop a linear shooter game using the Unity 3D game engine for a week-long game jam competition.
- Implemented core gameplay mechanics, scripted player and enemy behavior, and created custom assets to deliver a fully playable game within a small time frame.

Self-Hosted Website | HTML, CSS, JavaScript, UNIX

- Developed a fully functioning self-hosted website from a headless Raspberry Pi 5 using Apache HTTP Server.
- Designed the website using semantic HTML, JavaScript, and a custom CSS style.
- Configured secure HTTPS access, UFW firewall rules, SSH key-based authentication for secure remote access, and system hardening with fail2ban

Awards

Eagle Scout | Boy Scout Troop 1776

- Conceptualized, organized, and lead a personal community service project over 3 months to build, repair, and donate 10 desktop and laptop computers to the Treasured Vessels Foundation.
- Organized, coordinated and lead troop activities as part of the senior leadership team.
- Communicated with troop leaders to oversee risk management practices and to teach fire safety skills to other scouts.
- Performed over a hundred hours of community service through adopting roads, meal drives, food pantries, and my own community service project.

Professional Experience

Customer Service Representative | Micro Center Dallas

August 2022 - Present

- Provided superior service when assisting customers at the point of sale/checkout area and built repeat business through customer satisfaction
- Competed as one of the top salesmen nationally and created thousands of extra revenue through sales of warranties, consistently more than doubling my base hourly wage.
- Given managerial privileges and lead a project to share sales advice and create teamwork with my coworkers that became training material for the company nationwide.

Other

National Youth Leadership Training | Scouting America

- Participated in the program over a period of six days, learning skills to build and lead a team, and for ethical decision making.
- Learned key concepts through mnemonics that include
 - Planning and problem solving tools that focus on the where, what, when, how, and who
 - The start, stop, and continue method of assessing team progress
 - As well as the EDGE Method