Timothy Rolich

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Summary

Software Developer and Game Designer with experience creating complex and useful programs on numerous mediums. I am constantly educating myself through online classes and books in my own time.

Education

B.S. COMPUTER SCIENCE | University of Wyoming | Laramie, WY | Graduated Spring 2020

· GPA: 3.77
· Cybersecurity certificate

CITI CERTIFICATION FOR RESEARCH WITH HUMAN TEST SUBJECTS

Skills & Abilities

PROGRAMMING
· Expert programming in C++, C#, Java
· Adept use of external libraries and version control software
· Proficient use of programs such as Unity, UnrealEngine, Android Studio, Arduino, and other IDEs
· Experience with SQL, PostgreSQL, and Microsoft SQL Server databases and networking protocols

GAME DESIGN
· Advanced understanding of design patterns
· Extended experience with game and game engine design
· Advanced design of user interfaces and programming tools
· Capable use of GIMP, Illustrator, and Blender for graphic art

COMMUNICATION
· Translate complex code and design into easily understood and detailed explanations
· Work with customers to create specific designs and meet industry standards

LEADERSHIP

· Create large-scale projects and break them into manageable subparts
· Organize a team, assign duties, and meet deadlines
· Use Agile development techniques to ensure efficient production

Experience

SOFTWARE ENGINEER | Gannett Peak Technical Services | Cheyenne, WY | May 2020 – Present

· Use ASP .NET to create web pages and reports for clients
· Use Microsoft SQL Server for back end development

UNDERGRAD RESEARCHER | Interactive Realities Research Lab | Laramie, WY | Oct. 2019 – May 2020

· Assisted in the design and creation of a silicon-based input sphere for use in VR/AR
· Designed and implemented an input system and several small programs to test the sphere

SIGN AND DESIGN MAKER | Model Sign | Rock Springs, WY | May 2014 – Aug. 2015

· Used large-scale printers, laminators and CNC machines
· Created unique and industry standard stickers and signs
· Communicated effectively with customers to create specific and unique jobs catered to them

LINE COOK | Applebees | June 2019 – Oct. 2019

CAP 2 ASSOCIATE | Walmart |Rock Springs and Laramie, WY | 2015-2017, Summer of 2018