

PAULA GRATA

EXPERIENCE & SKILLS

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EXPERIENCE

Software Quality Assurance Analyst

NetherRealm Studios — Chicago, Illinois

September 2022 – May 2024 (Contract)

- Performed manual testing of video games to identify defects, inconsistencies, and areas of improvement
- Executed test plans, test cases, and test scripts to ensure quality
- Conducted certification testing for various platforms, ensuring that games complied with platform-specific requirements and standards
- Collaborated with engineers, developers, and producers to ensure that all requirements were met and issues were resolved
- Worked with bug tracking and test case management tools such as Jira and TestRail
- Participated in daily planning and retrospective meetings to provide updates and feedback on testing progress

PROJECTS

Sims-Bot

Discord Bot

- Developed a Sims Discord Bot utilizing Python, discord.py, BeautifulSoup, and Selenium that features automatic updates, manual update command, and interactive commands for user engagement
- Allows users to search for the Sims 4 characters, view detailed information, and access the latest patch details
- Integrates data from mod websites, providing update dates, download links, and compatibility status

Poodle

Python Game

- Developed a 2D Stardew Valley-inspired RPG, featuring farming, foraging, day-night cycles, weather effects, and a merchant shop system to buy/sell
- Programmed mechanics such as player movement including running and sluggish, tool usage, plant seeding, harvesting, and inventory management
- Other features include pause menu, save/load game, in-game clock and day of system, energy/health stats, notifications, and cheats

Well-Insure

Web Application

- Developed a Health App, a web-based Health Insurance Calculator utilizing JavaScript and React for the frontend and Node.js for the backend
- Asks user a series of questions to assess an individual's coverage risk based on factors like age, BMI, blood pressure, and family medical history
- After user inputs information, the system will generate a detailed risk assessment report provide insights into potential coverage risks

EDUCATION

BS Computer Science

Lewis University — Romeoville, Illinois

GPA: 3.9 — Dean's List 2020-2022

Graduated May 2022

RECOGNITION

National Society of Leadership and Success

Lewis University — Romeoville, Illinois

Spring Semester 2022

INVOLVEMENT

Capstone Project

Aidan Interactive Rendering

Spring Semester 2022

- Collaborated with team members in creating a rendering tool utilizing C++, Visual Studio Code, and Unreal Engine
- The objective of this project is to showcase designs created in Revit
- I contributed by working on the backend, which entailed processing a file containing building data and exporting it to the cloud to host

Software Engineering Project

EZ-MSG

Fall Semester 2021

- Collaborated with team members by designing and implementing a real-time web chat application employing JavaScript and React for the frontend and Node.js, Express, Socket.IO, and Firebase for the backend
- Integrated Firebase Authentication and Cloud Firestore to enable secure user authentication and real-time data synchronization

SKILLS

Languages

Python

Java

JavaScript

C++

HTML/CSS

Software

PC

Mac

Windows Office

Tools

Visual Studio Code

Android Studio

SQLite

Jira

TestRail

Confluence

Slack

Engines/Frameworks

Unreal Engine

Unity

React

Node.js