

PAULA GRATA

EXPERIENCE & SKILLS

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EXPERIENCE

Software Quality Assurance Analyst

NetherRealm Studios — Chicago, Illinois

September 2022 – May 2024 (Contract)

- Conducted manual testing of video games to identify defects, inconsistencies, and areas of improvement
- Developed test scripts, test plans, and test cases to ensure quality
- Performed certification testing for various platforms, ensuring that games complied with platform-specific requirements and standards
- Collaborated closely with engineers, developers, and designers to ensure that all requirements were met and issues were resolved
- Utilized Jira and TestRail for bug tracking and test case management, generating and managing over 300 Jira tickets
- Contributed actively to daily planning and retrospective meetings, offering insights and updates on testing progress

PROJECTS

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 to develop a rendering tool using C++, Visual Studio Code, and Unreal Engine
- Project goal: Showcase designs from Revit
- Contributed by developing the backend functionality to process building data files and export them to the cloud for hosting

Software Engineering Project

EZ-MSG

Fall Semester 2021

- Collaborated with team members to design and implement a real-time web chat application
- Utilized 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++
SQL
HTML/CSS

Engines/Frameworks

React.js
Node.js
Express.js
Django
Flask
Unreal Engine

Tools

Git
Jira/TestRail
Visual Studio Code
Android Studio

Software

PC
Mac
Microsoft Office
MySQL Workbench