CYNTHIA GAINEY

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Determined and passionate professional driven by an ingrained curiosity of the world and enthusiasm for solving puzzles.

SKILLS

Technical Skills

Languages

* Python
* SQL
* HTML
* JavaScript
* CSS
* C#
* C++

Tools & Frameworks

* Atlassian Suite
* DOORS
* Visual Studio
* Git
* Bitbucket
* Unreal Engine 4

Tools & Frameworks

* Object-Oriented Programming (OOP)
* Debugging
* Data Analysis

Soft Skills

* Problem solving
* Team work
* Adaptability
* Creativity

PROFESSIONAL EXPERIENCE

NORTHROP GRUNMAN - MARCH 2023 - PRESENT

* Streamlined document generation by improving the automation of Software Design Document (SDD) creation, reducing turnaround time
* Developed tools to analyze test data and visualize requirement validation, improving test coverage insights
* Created database tables to track errors across tests, enhancing both data accessibility and debugging efficiency
* Enabled teams to quickly identify failures and assess test effectiveness through automated reporting and data visualization tools
* Collaborated with multiple teams to improve test automation, tracking, and reporting, leading to more efficient development cycles

PROJECTS

AI PROGRAMMER(BLUEPRINTS), PRIMORDIAL PISTOLS 2021-2022

A turn-based strategy game made in Unreal Engine

* Coordinated with a group of 15 people to develop and implement game design elements
* Defined requirements and prototyped AI sequences in C++
* Designed and balanced enemy attack sequences in visual scripting tool, blueprints
* Overhauled and improved our stat system and optimized it to work with multiple classes
* Implemented Deity abilities and designed save system to save progress
* Succeed in developing complex AI that operates as planned when implemented with game mechanics

EDUCATION

MAY 2022 Bachelors Degree Digital Media Game Design, Univeristy of Central Florida

CERTIFICATIONS

Security +