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Alexander Glover

QUALIFICATIONS SUMMARY

- Accomplished game developer with track record of on-schedule, high-quality feature delivery
- Experienced in innovative thinking to improve products/features in accordance with object-oriented and user-centered design principles

WORK EXPERIENCE

Vehicle/Gameplay Programmer | January 2018 - April 2018
Digital Extremes | Warframe
- Co-designed and implemented system for player transference to vehicle control
- Collaborated with members of all departments to identify and solve issues relating to vehicle avatars and their interactions with players
- Modified existing gameplay systems to accommodate for new vehicle interactions
- Refined RMI and TNet systems to handle avatar pairing including host migration

Gameplay Programmer |May 2017 - August 2017
Digital Extremes | The Amazing Eternals
- Developed player action event-based cooldown reduction system for ability cards
- Improved occlusion systems to properly evaluate object outlines through smoke under variable conditions
- Resolved issues through pre-alpha, alpha and beta stages of development

SKILLS / TOOLS

- C++, Lua, C#, Java, Python, SQL
- Unity, Unreal Engine, Amazon Lumberyard
- Data structures and algorithms
- Procedural level generation
- Perforce, GitHub
- Jira, Confluence, Slack
- Agile and Google sprint methodologies

PERSONAL PROJECTS

Cipherstorm
T.O. Game Jam | Unity, C# - Programmer & Designer
- 2-D vertical platformer with rhythm-based obstical movement
- Developed dynamically-generated platform sections for an endless vertical scroll

Fire Purifies - Iries Engine
JavaScript, HTML - Sole Creator
- Text-based platform designed for easy implementation of content with limited knowledge of HTML or JavaScript

AWARDS

- Valedictorian (2015)
- Principal's Award (2015)
- Top Male Athlete (2014)

INTERESTS

- Game Experience: World of Warcraft, D&D Dungeon Master, League of Legends, CS:GO, World of Tanks, Fable
- Musical Experience: Piano, Song Writing, Singing

EDUCATION

Bachelors of Applied Science (Candidate) | September 2015 - Present
University of Waterloo | 3A System Design Engineering, Co-op

Cisco Networking Academy Certification | September 2013 - June 2015
SATEC@W.A. Porter C.I. | Courses Taken: CCNA Routing and Switching - Introduction to Networks, Routing and Switching Essentials, Scaling Networks, and Connecting Networks