Andrew Cramer

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OBJECTIVE STATEMENT

I'm a Software Developer who has a focus in Game Development. After the past four years of attending Shawnee State University, I've gained a lot of experience with learning how to think critically and problem solve, write and read code to resolve problems. I also learned how to communicate effectively with others in a group setting, and understand and use many key disciplines in Computer Science. I am looking to get a start to my career in Software Development / IT, and just learn more about myself and the many thousands of things that you can do with computers.

SKILLS

- C / C++ / C#
- Python
- Unity Engine
- Unreal Engine
- Creativity
- Communication

PROJECTS

Gnomad (Senior Capstone Project)

- Created a comprehensive game design document to ensure total transparency about our systems and gameplay features.

- Used OOP principles, Design Pattern techniques and focused on modularity to make expandable and maintainable code for NPC's and the Player. Also used and created a State Machine for NPC's and Player scripts to better debug systems and to make the code more maintainable.

- Created a Room Manager System to help with loading and unloading scenes asynchronously.

- Designed and thoroughly tested levels within the game to ensure that our levels were entertaining and engaging.

Project Dad Bod (Semester Project)

- Created Enemy AI with Unreal's Behavior Trees in blueprints. The AI was not built very well, and because of this, I was able to look back at my downfalls towards the end of my project and understand how to better structure and create systems.

- With our group of five people, we completely over-scoped the project and fought hard to stay on track. This showed me how to properly scope a project and maintain deadlines for features and systems

- Learned how to effectively manage, access and use data structures when developing for our inventory and crafting systems.

EXPERIENCE

FedEx Ground,
Package Handler

MAY 2022 - FEB 2024

Cooperated with others, worked under pressure in a fast-paced environment and ensured safety in facility

Meijer,
Cashier

MAR 2020 - JAN 2022

Communicated with people in an efficient and friendly manner

EDUCATION

Shawnee State University,
Portsmouth, Ohio

Bachelors in Digital Simulation and Gaming Engineering
AUG 2020 - AUG 2024

Westfall Local Schools,
Williamsport, Ohio

High School Diploma
AUG 2007 - MAY 2020

SCHOLARSHIPS

Blue and Grey Scholarship