

Matthew Wantoch

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PROFESSIONAL SUMMARY

Passionate about the programming industry, with the use of learned skills, formal techniques, problem-solving skills, and video game programming.

SKILLS

- Great collaborative skills•Strong analytical and problem-solving skills
- Ability to learn and adapt to the job and executed tasks efficiently as directed
- Knowledgeable in Unity Development
- Proficient in C, Java, Python, C#, SQL coding languages
- Experience in Unity 2D and 3D Excel
- Familiar with Windows, and Linux Operating systems, as well as comfortable working with VMWare.

EDUCATION

San Diego State University

Bachelor of Science in Computer Science

August 2022

Southwestern/Cuyamaca Community College

Associate of Science in Computer Science

June 2020

RELATED COURSEWORK

Systems Programming | CS 530

- Designed and implemented system software.
- Examined the relationship between software design and machine architecture.

3D Game Programming | CS 583

- Developed programming skills using software environments of the Unity game engine and C#.
- Constructed projects of a menu system, character creation, 2D game, and 3D game.

Computer Security | CS 574

- Reenacted a security breach using Linux and Virtual Machines tasks were performed that replicated a threat actor.
- Performed similar tasks but with the roles reversed and the goal is to get kernel access to the virtual machine.

RELATED EXPERIENCE

Aztec Game Lab SDSU

- Collaborated with a team to develop multiple games using the Unity Engine.
- Built video game aspects such as the parallax effect, and instantiating a projectile, as well as Designed and constructed levels and AI pathing.

3D Game Programming

- Designed menu systems in the Unity Engine with the use of singletons to transfer data
- Demonstrated 2D and 3D game development techniques.

WORK EXPERIENCE

Petco | Clerk/Cashier - August 2018 - December 2019, Oct 2022 - Present (**Part-Time, 20-30 hours/week**)

- Planned and executed with teammates inventory and shipment management.
- Provided attentive customer service to create a helpful and welcoming experience.

Regal Cinema | Floor Staff - December 2019 - July 2022 (**Part-Time, 20-30 hours/week**)

- Engaged with teammates to manage guest relations during overpopulated events.
- Furthered communication skills by ensuring customer satisfaction, and problem de-escalation.