

Osprey (Nixx) Varboncoeur

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EDUCATION

DigiPen Institute of Technology

Bachelor's of Science, Computer Science and Game Design

December 2024

Redmond, WA

PROJECT EXPERIENCE

Harmonix Symphony

May 2024 – Present

Narrative Design personal project exploring the capacity for ethically implemented emotional intelligence in AI systems

- Collaborated with experts to develop a culturally sensitive and richly nuanced narrative that respectfully represents diverse world cultures and perspectives
- Developed 'Nexus Theory' communication paradigm, leveraging simultaneous state of AI actors
- Deployed system for testing in a wide range of demographic contexts
- Introductory Research Paper — tinyurl.com/yc8edwah

Game Director, Level Designer — *Non-Euclidean Demonstration*

Jan. 2024 – May 2024

3D Platformer incorporating Non-Euclidean level design and advanced material design. Unreal Engine. Team of five.

- Directed game vision and aesthetic specifications, allowing for implementation of over 10 dynamic and reactive material types
- Managed team responsibilities, led meetings, coordinated with stakeholders

Producer, Tools Programmer — *Infestation*

Aug. 2022 – December 2023

Horror shooter inspired by Resident Evil and Portal. Procedural Audio Generation. Unreal Engine. Team of twelve.

- Implemented 6 custom instanced classes for core systems, providing a data-driven and serialized architecture
- Architecture Write-Up — tinyurl.com/5a5kvrkj
- Coordinated team meetings and resolved team misalignment, fostered culture of open communication
- Trailer — tinyurl.com/3ck89w49

WORK EXPERIENCE

Instructor, Production Lead

Aug. 2023 – Dec. 2024

Open World Summer Camps by DigiPen

Redmond, WA

- Instructed 60 students ages 6 – 18 on game design with Unreal, Unity, and Microsoft MakeCode
- Assisted a team of over 20 instructors with various production tasks, including: document collating, technical help, and entertaining children during breaks

Sauté Cook, Grill Cook, Prep Cook

Nov. 2016 – Apr. 2023

Woodblock Redmond, Old Gilman Grill, The Bitter Alibi

Redmond, WA — Chattanooga, TN

- Prepare for and quickly resolve disruptions to workflow
- Self-Directed work in a high-skill and high-pressure environment

EXTRACURRICULAR — RECOGNITION

Leadership Scholarship Recipient

Nov. 2020 – Dec. 2024

Greater Seattle Business Association

Seattle, WA

- Competitive four-year \$7,000 per year scholarship, selected from a pool of over 300 applicants
- Chosen for demonstrating leadership and a progressive attitude for improving the lives of LGBTQIA+ people, both within the college and greater community

President

Aug. 2020 – Aug. 2023

People Respecting Individuals and Sexual Minorities (PRISM)

Redmond, WA

- Grew our LGBTQIA+ Student Organization at DigiPen by more than 50 members, a membership increase of 60%, winner of multiple "Club of the Year" awards
- Worked with DigiPen C-suite and EVP level executives to support representation for LGBTQIA+ people throughout the university
- Lead organization of DigiPen's presence in the Seattle Pride Parade, allowing for a representation of more than 30 DigiPen staff, faculty, and students

TECHNICAL SKILLS

Tools: Git • MS Azure DevOps • UE System Architecture • Visual Studio **Languages:** C++, C#, Python