

Octavio Zuriel Zavala III

GitHub
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Chicago, Illinois, United States

Education

DePaul University

Bachelor of Science in **Game Design**
Minor in **Computer Science**

Projects

NVS (Nova Sound)

September 2025

Solo Developer

- Developed a full-stack MP3 player application in Java, utilizing Swing framework for GUI design and integrating JLayer, jaudiotagger, and mp3agic libraries for audio playback and metadata management.
- Constructed front-end and back-end components to support song upload, playlist creation, and dynamic metadata display.
- Applied principles of modular design, encapsulation, and code reusability to build scalable and maintainable application structure.

Monad

October 2023 - June 2024

Lead Programmer and Technical Artist

Chicago, Illinois

- Engineered the core character controller in Unity, including animation blend trees, to deliver smooth and responsive player movement and transitions.
- Implemented controller XInput support and enhanced UI functionality to improve accessibility and ensure compatibility across input devices
- Authored and maintained technical documentation to support team onboarding and workflow efficiency, contributing to a 20 percent improvement in development productivity.

Technical Skills

Programming Languages

- C++, Java, C#, Python, HTML/CSS/Javascript

Software

- Visual Studios, Visual Studio Code, Unity 3D, Unreal Engine, Blender, Oracle

Work Management

- Perforce, Git, Atlassian Jira, Hack-n-Plan

Work Experience

Xfinity by Comcast

August 2024 - Current

Retail Service Associate

Wheaton, Illinois

- Onboard Xfinity Mobile devices onto proprietary mobile network using Retail 360.
- Perform general troubleshooting alongside provisioning mobile account via Retail 360 and CRM.
- Escalate and document unmapped or consistent system errors within Retail 360 to improve overall tool reliability utilizing ECM/Techspot.

LatinX Digital Leaders Now

January 2024 - April 2024

Student Intern

Chicago, Illinois

- Serviced external clients by assisting in design and implementation of language translation script in Python utilizing Node.js.
- Maintained communication with community board members within Chicago to discuss potential digital literacy programs.

Volunteering

Global Cybersecurity Initiative Chicago

March 2024

- Moderated guest speakers, alongside greeting guests to maintain a friendly atmosphere.

Frosty Faustings XV

February 2024

- Independently ran over 4 competitive fighting game tournament brackets consisting of 10+ competitors.