

Zoryah Gray

zoryahgray2025@u.northwestern.edu • (225) 939-9126 • [linkedin.com/in/zoryah-gray-she-her-b74473259/](https://www.linkedin.com/in/zoryah-gray-she-her-b74473259/) •
<https://zoryah-gray.github.io> • <https://zoryah-gray.itch.io>

EDUCATION

Northwestern University, Evanston, IL – *Bachelor of Arts in Computer Science*

June 2025

Cumulative GPA: 3.7

Relevant Coursework: Game Design and Development • Data Structures & Algorithms • Operating Systems • Intro to Computer Systems • Machine Learning • Single/Multi Diff Calculus • Linear Algebra • Discrete Math • Tangible Interaction Design & Learning

Awards: Questbridge Match Scholarship at Northwestern University • Questbridge College Prep Scholar • 1st Place DOE OTT Tech Commercialization Internship Final Research Presentation [2023] • Fulbright Summer UK Finalist [2022/2023] • Young Entrepreneurship Academy \$1,000 Investor Panel Award [2020] • NRF Foundation Customer Service & Sales Certification

SKILLS

Python • JavaScript • Node.js • React • C# • C • HTML • CSS • Unity • GitHub • SQL • Pandas

Graphic Design (Adobe Photoshop, Canva, Befunky) • Logo Creation • Proficient in Google Suites & Excel

EXPERIENCE

Computer Science Department, Northwestern University – *Peer Mentor*

September 2022 - PRESENT

- Directly instructed 14 students in weekly tutorial sessions in foundational **Python** programming for the Intro to Computer Science Course to improve their comprehension and application of coding principles
- Provided bi-weekly Office Hours to over 300+ students with homework, coding, and lecture content questions.
- Participated in 2 comprehensive Computer Science Peer Mentor/Teaching Assistant Training Courses to enhance instructional abilities to lead and construct lessons for tutorial sessions for students more effectively

Argonne National Laboratory Technology Commercialization – *Student Intern Researcher* May 2023 - August 2023

- Conducted in-depth market research to analyze present and future trends, the competitive landscape, and potential commercialization opportunities for Aeternal Upcycling's technology to determine future market viability
- Showcased final research findings through a pitch presentation in front of 3 DOE commercialization experts and won **first place** for the presentation

NU Rainbow Alliance – *External President*

March 2024 - PRESENT

- Coordinated closely with the Internal President in managing executive functions and attending the Student Advisory Board.
- Led the planning and execution of annual events, including the Fall Speaker, Drag Show, Spring Speaker, and Queer Prom.
- Oversaw and executed external program initiatives such as email communications, activism efforts both on and off-campus, organization of affinity spaces, and drafting official statements, building on expertise previously gained as Treasurer and Co-Publicity Chair.

PROJECTS

CS Unity Game Course Group Project – *Game Level Designer and Programmer*

January 2024 - March 2024

- Learned about entity component architecture, game design theory, and building efficient backend systems throughout the game
- Utilized Visual Studio Code for programming and scripting in **C#** within Unity to construct the core game mechanics and features
- Effectively implemented **Git version control** to manage branches, merge code, and resolve conflicts to maintain a stable and coherent codebase.

NU Blockchain – *Frontend Software Engineer, Application Technology Team*

January 2024 - June 2024

- Collaborated with a team of 15 to build a remittance app that incorporates web2.5 integrations
- Designed the UI/UX that enhanced overall accessibility and understanding of cryptocurrency
- Crafted visually compelling and responsive front-end components, specifically tailored to provide an intuitive and user-friendly experience for both cryptocurrency enthusiasts and newcomers
- Applied APIs for the remittance app which enhanced its functionality and security

Wild Hacks – *Hackathon Participant, Group and Personal Project*

June 2023

- Partnered with a team of 4 and spent 18 hours creating an online Interactive Story Book
- Constructed the website using ChatGPT API, **HTML**, **CSS**, and **Javascript**

Game Jam – *Game Level Designer, Group Project*

January 2023 - May 2023

- Created a game using **Unity** and **C#** in a team of 3 people based on the theme of Sustainability
- Crafted the game's level design, built the mini-game systems with Events and Scriptable Objects, and maintained overall game quality for a cohesive player experience.

Amaral Research – *Undergraduate Researcher*

June 2022 - May 2023

- Developed a **Python** program to analyze the inner components of Microsoft Word files to deduce the purpose and significance of document' bundles