Catherine Azelby

Portfolio | Email | LinkedIn | (+1) 609-605-772 | Willing to Relocate

Education

Northeastern University   2022-2026

Candidate for a Bachelor of Science in Computer Science and Media Arts (Animation)   Boston, MA
Relevant Courses: Animation 1, Animation for Games, Animation 2, Object-Oriented Design,   **GPA: 3.804, Dean's List**
Experience and Interaction, Algorithms and Data

Technical Skills

Animation	Maya, Unreal Engine, Blender, Adobe Substance Painter, Adobe Substance Sampler, Unity
Art	Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Adobe Premiere Pro
Programming	Java, Python, C++, Unreal Engine Blueprints, MEL, HTML, CSS, R, MySQL, Git

Work Experience

HyLite Studios   Jun 2025 - Oct 2025

3D Visual Designer   Remote
- Modeling and texturing assets in Blender for Meta Horizon Worlds. Ensuring optimization for real-time performance while maintaining visual appeal.
- Followed design guidelines and platform limitations to create engaging, user-friendly virtual environments.

Northeastern University   Jun 2025 - Sep 2025

Comic Illustrator   Remote
- Northeastern PEAK grant recipient handling all illustration for "Chloe and the Locked Library".
- Managing all aspects of the visual process, ensuring timely delivery and alignment with the writer's vision.

Northeastern University   Jan 2025 - Jun 2025

Virtual Reality Developer and Research Assistant   Boston, MA
- Designed the prototype for a virtual reality field trip with Unreal Engine 5 and Meta Quest Developer Platform. Created an interactive car-crash simulator meant to engage and teach high school students about the physics concept of impulse.
- Independently designed Northeastern's XR Ed Lab logo with Adobe Illustrator and website with HTML, CSS, and WordPress.

Knack   Sept 2024 - April 2025

Peer Tutor   Boston, MA
- Tutor specializing in Animation Basics, Animation 1, and Object Oriented Design, aiding students in understanding course contents and software like Java, Autodesk Maya, and Adobe Substance Painter.

Northeastern University   Sep 2024 - Dec 2024

CAMD Student Peer Mentor   Boston, MA
- Mentored students in the College of Arts, Media, and Design navigating university classes, registration, and social life.

Sierra   Jun 2023 - Dec 2024

Sales Associate   Moorestown, NJ
- Seasonal sales associate focusing on customer engagement and credit card sign-ups.

Leadership, Involvement, and Honors

MIT Reality Hack: Best Lifestyle World with Meta Horizon Worlds
- Worked with a team of five in the Meta Horizon Worlds Creator Program to create an interactive VR Art Museum.
- Modeled 3D art assets using Blender, Maya, and Substance Painter.

Animation Club President
- Oversees club events, outreach, and activities. Plans events such as speaker events, film festivals, and alumni networking.

Animation Club Graphic Designer
- Creator of all club promotional materials with Adobe Illustrator.

Games, Art, and Play: Japan Study Abroad
- Month-long study abroad focusing on game design applications and principles.
- Created a game in Python/Ren'Py and Photoshop independently.