

Catherine Azelby

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Boston, MA/Riverton, NJ/Jupiter, FL

Education

Northeastern University 2022-2026

GPA: 3.804/4.0

Boston, MA

*BA in Computer Science & Media Arts
(Animation), Minor in Game Design*

Honors & Involvement

**MIT Reality Hack: Best Lifestyle World with
Meta Horizon Worlds** 2025

- 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, & Substance Painter.

Animation Club President 2024-present

- Planning large-scale events such as speaker events & film festivals.
- Oversees club events, outreach, & activities.

Animation Club Graphic Designer 2023-2024

- Creator of all club promotional materials with Adobe Illustrator.

Games, Art & Play: Japan Study Abroad 2024

- Month-long study abroad focusing on game design applications & principles.
- Created game in Python/Ren'Py & Photoshop independently.

Software Knowledge

Java	Autodesk Maya
Python	Unreal Engine
Unity	Blender
MySQL	Photoshop
R	Premiere Pro
HTML/CSS	After Effects
Microsoft Office	Adobe Illustrator
Substance Painter	Substance Sampler

Experience

**Virtual Reality Developer & Research
Assistant** Jan 2025 - present

Northeastern University Boston, MA

Designing virtual reality field trips for education with immersive technology.

- Focusing on the applications of immersive media & education technology.
- Designing interactive virtual reality car-crash simulator experience in Unreal Engine.

Peer Tutor Sept 2024 - present

Knack Peer Tutoring Boston, MA

Tutor specializing in Animation Basics, Animation 1, & Object Oriented Design.

- Aiding students in understanding course contents & preparing study materials.
- Teaching students how to use Java, Autodesk Maya, & Adobe Substance Painter.

CAMD Student Peer Mentor 2023, 2024

Northeastern University Boston, MA

Worked as a mentor with first-year students in the College of Arts, Media, & Design.

- Helping students navigate university classes, registration, & social involvement.
- Took students on field trips to engage with Boston art exhibits.

Sierra Jun 2023 - Dec 2024

Sales Associate Moorestown, NJ

Seasonal sales associate.

- Retail clerk focusing on customer engagement & credit card sign-ups.

Speed Raceway Nov 2021 - Jul 2022

Front Counter Cinnaminson, NJ

Customer service associate & event coordinator.

- Focused on time management, customer enjoyment, & conflict resolution.

Volunteer

iCanShine Jun 2021 - Jun 2021

iCanBike Instructor Pennsauken, NJ

Full-time volunteer as a biking instructor.

- Teaching disabled youth how to ride a two-wheeled bike independently.