

# Meredith Scott

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## EDUCATION

**Northeastern University**, Boston, MA | Khoury College of Computer Sciences  
*Candidate for a Bachelor of Science in Computer Science and Media Arts*  
**Relevant Courses:** Object-Oriented Design, Human-Computer Interaction, Computer Graphics, Algorithms & Data, Database Design, Animation 1  
**Honors:** *Dean's Scholarship, Dean's List, Thomas Gross Scholarship*  
Sep. 2022 – Present  
Expected May 2026  
**GPA: 3.88/4.0**

## COMPUTER KNOWLEDGE

- **Languages:** *Proficient:* Python, C#, C++, Java | *Familiar:* SQL, JavaScript, HTML, CSS
- **Systems and IDEs:** Windows, Linux, GitHub, Visual Studio Code, Unity, Autodesk Maya, IntelliJ, Eclipse, MySQL, DataGrip, Docker, Jupyter Notebook, Microsoft Office Suites, Adobe Suites
- **Libraries:** React, PyQt, JUnit, JavaFx, JaCoCo, NumPy, Pandas, Scikit-Learn

## WORK EXPERIENCE

**Augmented Reality Research Scholar Co-op** | Northeastern University, *Boston, MA* Jul. 2024 – Present

- Developing augmented reality prototypes in Unity with the Microsoft HoloLens to test the abilities of 3D interface design, gesture recognition, and user experience at the Northeastern Reality Design Studio.
- Conducting usability testing to discover prototype errors, utilizing gesture elicitation study frameworks.
- Leading an Amazon MTurk crowdsourcing survey to identify AR representation in movies with the goal of releasing a public database using the IMDb API, Google App Script, and JavaScript.


**Software Development Intern** | Nova Biomedical, *Waltham, MA* Jul. 2023 – Aug. 2023

- Designed and implemented maintenance screens in C# for a new release of a blood glucose analyzer.
- Illustrated technical procedures in Clip Studio Paint for the screens directed by the lead software engineer.
- Troubleshooted bugs and wrote test verification scripts, entering the scripts in Helix ALM.


**Software Quality Assurance Tester Intern** | Nova Biomedical, *Waltham, MA* Jul. 2022 – Aug. 2022

- Executed test protocols in DOORS and reported test results to the Lead SQA Engineer.
- Assisted in developing test scenario JSON files to support the Software Quality Assurance Team.
- Created new test protocols for future formal test releases for a medical device.

## PROJECTS

**Image to Palette Krita Plugin** | Python, PyQt, Krita API  Jul. 2024

- Developed a Krita docker plugin for generating color palettes from images, utilizing PyQt5 and Krita's API for a dynamic and intuitive user interface.
- Implemented functionality to load, regenerate, save, and display color palettes, including drag-and-drop.
- Leveraged JSON file conversion to support color palette saving and recent history across Krita sessions.

**Animation Production Plan Generator** | Typescript, JavaScript, React, OpenAI  Feb. 2024 – Apr. 2024

- Collaborated with a team to develop a web application that generates production plans with OpenAI for animation students and creative hobbyists.
- Incorporated csv export and spreadsheet stylization for a user-friendly experience.
- Interviewed capstone students to understand current frustrations with spreadsheet platforms and find prototype errors.

## LEADERSHIP AND INVOLVEMENT

**Treasurer** | Northeastern University Animation Club, *Boston, MA* Apr. 2024 – Present

- Managing club finances by presenting budget requests, submitting spending reports, and communicating with the Northeastern Finance Board.
- Calculating costs for large-scale events such as professional guest speakers, field trips, and film festivals.

**Social Media Manager** | Northeastern University Animation Club, *Boston, MA* Apr. 2023 – Apr. 2024

- Lead social media campaigns to promote club engagement and activity across networking platforms.
- Coordinate with other members of the club leadership team to organize events both inside and outside the Northeastern community.

## INTERESTS

- Animation, mixed reality, illustration, creative writing, entrepreneurship, hiking, kayaking, traveling