

# ELIZABETH IRIS MCCAFFREY

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Boston, MA

## EDUCATION

2021 –  
PRESENT

Northeastern University, Khoury College of Computer Sciences  
Candidate for a Bachelors of Science of Computer Science and Design  
Concentration: Information Design  
Minor: Architectural Design  
GPA: 3.6 / 4.0  
Expected: December 2025

## COURSE WORK

Information Visualization and Presentation	Programming in C++
Information Design Principles	Object Oriented Design Programming
Experience and Interaction	Linear Algebra
Color and Composition	
Fundamental Architectural Representation	

## EXPERIENCE

DEC 2023 –  
APR 2024

### **College of Arts, Media, & Design, Northeastern University | Teaching Assistant**

- Assist students with coursework relevant to creative coding topics, including HTML, CSS, data vizualizations, Processing, and the Adobe suite
- Teach and guide students to an effective and meaningful understanding of project solutions
- Provide help across various levels of abilities in both design and programming

MAY –  
DEC 2023

### **Senseable City Lab, Massachusetts Institute of Technology | Data Visualization Specialist**

- Developed dynamic data visualizations for a variety of SCL research publications
- Utilized Processing for developing data visualizations with large-scale datasets; and HTML, CSS, and JavaScript for web implementations
- Managed simultaneous development of complex projects with weekly critique meetings

NOV –  
MAY 2023

### **Center for Design, Northeastern University | Research Assistant**

*Professor: Pedro M. Cruz*

- Assisted in design-based visualizations of global climate data
- Utilized Processing [Java] programming language to create static and dynamic data visualizations

## EXHIBITION

IEEE VIS Arts Program Exhibition, Diverse Data  
TradeWinds Island Grand Beach Resort, 13–18 October 2024, St. Pete Beach, Florida  
*Displacement Flowers*

## PROFICIENCIES

Processing, P5.js, Java, C++, JavaScript, HTML, CSS, Git / GitHub, GIS  
Photoshop, Illustrator, InDesign, After Effects, Figma, Blender, Procreate, Touch Designer