

april qian

I am a neurogenetics researcher turned data visualizer and creative coder.

portfolio
aprilq.info

TECHNICAL SKILLS

- Python
- P5.js
- HTML
- CSS
- R
- GitHub

DESIGN SKILLS

- InDesign
- Illustrator
- Procreate
- Figma
- Audition

EDUCATION

2023 - 2025

MFA Information Design and Data Visualization

Northeastern University

Boston, MA

2016 - 2020

BA Molecular Biology

Middlebury College

Middlebury, VT

magna cum laude

PROJECTS (2023)

Open Spaces

Visualization of open spaces in all 351 towns in Massachusetts

Programs used: Python, P5.js

Anatomy of a Bike Crash

Visualization of bike crashes in Boston and Cambridge from 2015 to present to investigate potential impact of 2019 Cambridge cycling safety ordinance.

Programs used: Python, Figma, P5.js, Illustrator

WORK EXPERIENCE

Leveraging my experience in data visualization, scientific research, and journalism to tell engaging stories with real world impact.

Research Assistant

10. 2023 - PRESENT

Northeastern University Reinventing Local TV News Project

- Led pitch on data-driven short-form video story concerning Gen Z living with their family in for CBS NY, leading to full length feature currently in production.
- Analyzed data scraped from TV stations to compare top 20 topics to location-based search frequency

Research Assistant

2021 - 2023

Massachusetts General Hospital/Harvard Medical School

- Created data visualizations and edited manuscripts for academic publications, grant applications, research presentations, and conference posters.
- Collaborated with lab members to identify complementary research questions.
- Presented at Society for Neuroscience annual meeting in 2022 and 2023.

Associate Producer

2019 - 2020

Vermont Public Radio

- Conducted background research and factchecking through pre-interviews with key sources.
- Independently produced audio scripts and wrote web copy for podcast segments that amplified voices of new immigrants in the local community.
- Screened audience callers during live radio shows.

Senior Editor

2018-2020

The Middlebury Campus

- Penned over 20 stories regularly featured on front page using data analysis and in-depth interviews with industry experts and community members.
- Guided editorial direction of Middlebury College's only independent student newspaper.
- Led live edits for over 20 student writers.