

# Kel Weaver

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Available January 2023 to June 2023.

[LinkedIn](#)

Personal Site: [weaverkel.com](http://weaverkel.com)

## Education

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### Northeastern University, Boston, MA

September 2021-May 2025

Khoury College of Computer Sciences

Candidate for Bachelor of Science in Computer Science and Environmental and Sustainability Sciences

GPA: 3.879 / 4.00

**Awards:** Dean's List, Honors Program, Larry Hollander Award

**Activities:** Northeastern Student Gardening Club (President), Sigma Xi Research Society (Chair for Public Relations)

**Coursework:** Algorithms & Data, Geographic Information Systems, Object-Oriented Design, Database Design, Fundamentals of Computer Science, Geoscience & Volcanic Processes Dialogue of Civilizations in Iceland, Khoury Independent Research Project

## Experience

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### Khoury College of Computer Sciences

September 2022 - PRESENT

*Teacher's Assistant for Object-Oriented Design*

- Run 5+ office hours and 1.5 hours of lab sessions independently each week.
- Tutor students one-on-one on object-oriented programming design.
- Support faculty in grading java assignments and communicating with students.

### Cognitive Neuroimaging Lab, Montclair, NJ

June 2019 - August 2021

*Research and Teaching Assistant*

- Assisted in neuroimaging research, including project design, participant recruitment, and paper edits.
- Taught entry-level neuroscience concepts to student participants in Weston Science Scholars High School program, managed research activities and co-wrote final scientific presentations.

## Personal and Academic Projects

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### Air Quality Data Analysis,

September 2022 - PRESENT

### Environmental Sensors Lab at Northeastern University

- Construct monthly graphs utilizing statistical analysis of 5+ environmental variables in python.
- Analyze, correct for error, and interpret PM2.5 data for calibration of 9+ sensors around Boston.

### Personal Website: [weaverkel.com](http://weaverkel.com)

June 2022 - PRESENT

- Built a personal website as a hub for my projects and publications published at [weaverkel.com](http://weaverkel.com)
- Created from scratch using HTML and CSS.

### Neuroimaging Research and Presentation,

June 2019 - August 2021

### Cognitive Neuroimaging Lab, Montclair, NJ

- Published in neuroimaging research about perspective taking and Theory of Mind.
- Presented a poster about freewill and Theory of Mind at the Eastern Psychological Association.

**Technical Skills:** Java, Python, SQL, HTML, CSS, ArcGIS, Hardware repair, Lab Certification, Academic writing