

## Audrey Gallier

Programmer & Data Scientist | Northeastern University 2023

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<https://www.linkedin.com/in/audrey-gallier-3055b2143/>

— Website/Portfolio: [agallier2.github.io](https://agallier2.github.io) —

### SKILLS

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- Languages: Python, Java, C, C++, HTML, CSS
- Libraries: React, NumPy, Pandas, Matplotlib, Plotly, Scikit-learn, TensorFlow, BeautifulSoup, JUnit
- Object-oriented design, machine learning, web development, algorithmic thinking, cybersecurity
- Writing, design, communication, leadership, project management

### EDUCATION

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**Northeastern University** 2019-2023

B.S. in Computer Science | Concentration in AI | Honors Program | Dean's List | GPA 3.8

**Illinois Mathematics and Science Academy** 2016-2019

### WORK

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**Instructional Designer: Northeastern University D'amore-McKim School of Business** 2019-present

- Design innovative solutions for online teaching using instructional technology, test new implementations, and develop documentation for these solutions
- Support faculty as they implement online classes through Canvas, Zoom, Articulate 360, Microsoft Office, Google Suite, and other technologies
- Manage long-term projects through Microsoft Teams and Asana; maintain the support ticketing system
- Have gained a new perspective on the user side of software and perfected a remote, collaborative workflow

### RESEARCH

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**Student Researcher: Fermi National Laboratory** 2017-2018

- Investigated lepton and quark compositeness as part of an IMSA/CMS collaboration
- Contributed to code and performed data visualization using C++, Root, and Linux systems

### PROJECTS & ACTIVITIES

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**Staff Writer: NU Science Magazine** 2020-present

- Research and write articles on current scientific research and technology
- Work with a team of editors to finalize and publish my work

**Participant: UIUC HackThis** 2020

- With my team, built a functional website featuring HTML/CSS design, authentication, database design, and search functionality, and implementing the Google Maps API

**Participant: HackTable** 2020

- Created a web application using React and the EazyML API to warn users if a job posting may be fraudulent

**Teacher & Curriculum Designer: IMSA ALLIES** 2016-2019

- Taught STEM curriculum to K-8<sup>th</sup> grade students in workshops and summer camps
- Designed and wrote curriculum for these programs
- Headed the teacher training program and oversaw its development