

# Sidney La Fontaine

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[www.sidneylafontaine.com](http://www.sidneylafontaine.com) / <https://www.linkedin.com/in/sidneylafontaine/> /  
<https://github.com/sidneylafont/> Dates of Availability: June – December 2020

## Education

**Northeastern University**, Boston, MA

*September 2018 - present*

Khoury College of Computer Sciences

*May 2022*

*Candidate for Bachelor of Science in Data Science*

**Minors:** Mathematics and Philosophy

**GPA:** 3.844/4.0; University Honors Program, Dean's Scholarship and Dean's List all semesters

**Relevant Courses:** Object Oriented Design, Database Design, Large-Scale Storage/Retrieval, Algorithms and Data, Information Visualization, and Probability and Statistics

**Interests:** Philosophy, Basket weaving, board games, and debating

**The Kent School**, Kent, CT

*September 2014 - June 2018*

*High School Diploma*

High Honor Roll and Cum Laude Society

## Skills

**Languages:** Python, Java, C++, R, SQL, HTML, CSS, UML, XML, and Racket

**Software:** Microsoft Office, Tableau, Jupyter Notebook, and MATLAB

## Project

**Wind Energy**

*September 2019 - December 2019*

- Scraped data on weather, and tested our hypothesis; time of day effects power generated by wind
- Used machine learning algorithms to predict power generated at specific times based on our features
- The project was coded in python
- The full project is available at <https://github.com/sidneylafont/Wind-Energy>

**Personal Website**

*December 2019 - Present*

- Designed a personal website using HTML and CSS
- <http://sidneylafontaine.com/>

## Professional Experience

**Northeastern University, Khoury College**, Boston, MA

*January 2019 - present*

*Teacher's Assistant for Fundamentals of Computer Science 1*

- Conduct and organize a weekly lab for 45 students to deliver a supplemental lecture on week's topics
- Lead office hours and tutor students on the principles of programming, such as recursion and representing code as data
- Grade problem sets and exams to provide feedback to students

**Camp Asto Wamah**, Columbia, CT

*July 2016 – July 2019*

*Overnight Camp Counselor*

- Supervised a cabin of ten campers, ages 8, 9, and 12
- Led campers in activities such as swimming lessons, boating lessons, and sports
- Ensured and enforced camper safety

**The Kent School**, Kent, CT

*December 2014 - June 2018*

*Head Tour Guide and Tour Guide*

- Organized and coordinated the scheduling of 15 tour guides
- Conducted tours of school for prospective applicants and families

**Andros, Floyd & Miller P.C.**, Hartford, CT

*June 2016 - August 2016*

*File Clerk*

- Organized tens of thousands of files and tracked their locations throughout the office

## Volunteer

**X-Cel Education**, Dorchester, MA

*September 2018 - May 2019*

*Math Tutor*

- Taught 10 adults high school level math in their pursuit of a high school equivalency degree