Marguerite Collette

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Education

NORTHEASTERN UNIVERSITY   Boston, MA
B.S. Computer Science   April 2025

STUDY ABROAD   Dublin, Ireland
Study abroad coursework completed at University College Dublin   September 2021 – December 2021

Experience

NORTHEASTERN UNIVERSITY   Boston, MA
Teaching Assistant   May 2022 – Present
- Reinforced CS2510 students' understanding of foundational concepts of writing and debugging programs in Java during twice-weekly office hours.
- Directed CS2510 students through instructor assigned lab problems using worked out examples during two-hour lab sessions each week.
- Assisted CS2500 students in learning how to design programs in Racket during twice-weekly office hours.
- Grading an average of 20 assignments and exams weekly, based on style, functionality, and efficiency.

NORTHEASTERN OASIS   Boston, MA
Club Member   September 2022 – December 2022
- Conceptualized a web project that provides a means to determine the optimal time to attend Northeastern University gyms based on historical capacity levels.
- Gained experience in gathering data with automated web scraping and storage utilizing Python, Beautiful Soup, AWS, and Crontab.
- Self-taught the basics of JavaScript, HTML, CSS, and Bootstrap for front-end development.

GRADY & RILEY ATTORNEYS AT LAW   Waterbury, CT
Office Assistant   May 2022 – Present
- Enhancing office flow by streamlining the digitizing of hundreds of client files throughout the firm in a comprehensive and accessible manner, such that ongoing cases can be added.
- Greatly reducing the volume of nonessential documents across both the Waterbury and Woodbury, CT offices, making way for new client files.
- Performing various tasks on an as-needed basis, including but not limited to serving as a witness for document signings, locating misplaced files, and reviewing time sheets.

TOWN OF MIDDLEBURY PARKS & RECREATION   Middlebury, CT
Lifeguard   June 2018 – Present
- Monitoring swimmers at a town lakefront on a rotating schedule with fellow lifeguards.
- Performing minor saves and first aid as needed using skills from CPR/AED/First Aid certifications.
- Assisting with moving boats, maintaining a sanitary beach and picnic area, patron questions, as well as opening and closing the beach area each day.

RACE4CHASE TRIATHALON PROGRAM   Waterbury, CT
Coach   June 2018 – August 2021
- Prepared inner-city children ages 6-12 for completing a triathlon at the end of each summer by teaching them to swim, bike, and run.
- Developed unique and engaging daily training plans to promote enjoyable movement.
- Maintained a safe and welcoming summer camp environment and served as a positive role model for all athletes in the program.

Skills

- Front End: JavaScript, TypeScript, HTML, CSS, JSON, Bootstrap, AngularJS, Node.js, Express.js, Plotly.js
- Back End: Java, Python, C, AWS, BeautifulSoup, Crontab
- Other: Object Oriented Programming, Racket, GitHub, Cybersecurity, Algorithms