

Marguerite Collette

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Website: <https://maggiecollette.github.io/Personal-Site/> • LinkedIn: <https://www.linkedin.com/in/marguerite-collette>

Education

NORTHEASTERN UNIVERSITY

Boston, MA

Khoury College of Computer Sciences

September 2021 – Present

Candidate for a Bachelor of Science degree in Computer Science

Expected Graduation: May 2025

Relevant Coursework: Object Oriented Design, Algorithms, Computer Systems, Logic and Computation, Mathematics of Data Models, Foundations of Cybersecurity, Fundamentals of Computer Science I & II.

Activities: Study abroad coursework completed at University College Dublin, Northeastern Oasis Club Member

Skills

Front-End: JavaScript, TypeScript, AngularJS, JSON, HTML, Bootstrap, Node.js, CSS, Express.js, Plotly.js

Back-End: Java, Python, C, Assembly, AWS, Beautiful Soup, Crontab

Other: Object Oriented Programming, Algorithms, LaTeX, Racket, GitHub, Cybersecurity

Work Experience

NORTHEASTERN UNIVERSITY

Boston, MA

Teaching Assistant - Fundamentals of Computer Science I & II

May 2022 – Present

- Reinforcing students' understanding of foundational concepts of writing and debugging programs in Java during twice-weekly office hours.
- Instructing students in learning how to design programs in Racket during 4+ office hours each week.
- Directing students through assigned lab problems using worked-out examples during weekly lab sessions.
- Grading an average of 20 assignments and exams weekly, based on style, functionality, and efficiency.

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.
 - Reducing the volume of nonessential documents significantly across both the Waterbury and Woodbury, CT offices, making way for new client files.
 - Serving as a witness for document signings, locating misplaced files, and reviewing time sheets for accuracy.
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Projects

ANGULAR WIDGETS - visit: <https://maggiecollette.github.io/Angular-Widgets/>

December 2022 – Present

- Self-teaching main AngularJS concepts: Interpolation, Services, Pipes, Data Binding, and more.
- Completed a basic weather widget, gaining experience in making an API call with a Service, and utilizing Angular Interpolation, Structural Directives, and built-in Pipes for ease of formatting.

PERSONAL WEBSITE - visit: <https://maggiecollette.github.io/Personal-Site/>

December 2022

- Introduced myself to the basics of AngularJS, such as Components, Routing, and Structural Directives, as well as how to use these tools to ease the process of updating project and resume information.
 - Implemented three main pages as well as templated project subpages to display further program details.
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Clubs

NORTHEASTERN UNIVERSITY 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.
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Interests

Thrifting, UConn Basketball, Cooking/Baking, Swimming, Hiking, Volunteering