

**Carter Anderson**  
(206) 531-5801 | [anderson.cart@northeastern.edu](mailto:anderson.cart@northeastern.edu)  
Boston, MA | [github.com/7fi](https://github.com/7fi) | [carteranderson.dev](https://carteranderson.dev)  
Available January 2026 - July 2026

## Education

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<b>Northeastern University</b> , Boston MA, Khoury College of Computer Sciences <i>B.S. in Computer Science</i> (GPA: 3.88/4.0)	May 2027
Related Coursework: Object Oriented Design, Algorithms & Data, Databases, Programming Languages	
<b>University of California Santa Cruz</b> , Santa Cruz CA, Baskin School of Engineering <i>B.S. in Computer Science</i> (GPA: 3.6/4.0)	Sep. 2023 - June 2024

<b>Olympic College</b> , Bremerton WA <i>Associate of Arts</i> (GPA: 3.9/4.0) Deans' Scholar, High School Dual Enrollment	Sep. 2021 - June 2023
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## Technical Skills

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**Languages:** JavaScript, Python, Java, C++ / Arduino, SQL, HTML & CSS  
**Tools:** React, Git, Firebase, Databases, REST API, Networks, Web Scraping, Pandas, Blender

## Project Experience

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<b>College Sailing Ranking</b> , Python, Javascript, React, SQL, Firebase, <a href="#">crowsnest.club</a> (WIP)	Sep. 2024 - Present
• Create a widely used website and model to view statistics and rank over 16,000 college sailors and 207 teams	
• Scrape 1.1 million data points from the official scores to compare linear regression vs Bayesian approximation	
• Work with databases, REST APIs, authentication, and all levels of full-stack development	
<b>Game Map Development</b> , Blender, Krunker Editor, Krunker.io, Deadshot.io	Feb. 2020 - Jun 2023
• Commissioned to construct several game environments for multiple popular online games, earned \$4,000+	
• Collaborated on maps that have collected over 100,000 plays	
<b>Flocking / Particle Simulation</b> , Java, JavaScript	Dec. 2022 - Jan 2023
• Created flocking and particle simulations in Java with a custom renderer, vector math class, and quadtree optimization, can handle up to 1,000 flocking agents	
• Ported to JavaScript for live flocking web demo	
<b>Custom Web-Based Lighting</b> , Arduino, RaspberryPi, Python	Dec. 2019 - Present
• Programmed Arduino and Raspberry Pi to make custom LED strip effects controllable via a web interface	
• Invented 20+ custom patterns and added syncing with Spotify music tempo	

## Experience

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<b>Northeastern Sailing Team Captain and Webmaster</b>	Nov. 2024 - Present
• Organize and plan all team events, regattas, and practices	
• Spearhead the management and continuous improvement of the team's website, ensuring content is current, visually engaging, and user-friendly	
• Run all team and board meetings, contributing to key decisions and strategic direction for the team	
<b>Lead and Assistant Sailing Instructor</b> , Bainbridge Island Parks and Rec	June 2021 - Sep. 2024
• Taught beginner to advanced sailing skills to youth groups (ages 6+) as a certified US Sailing Level 1 Instructor	
• Maintained safety and security of up to 16 campers, sailing equipment, boats, and multiple camp facilities	
• Designed and implemented lesson plans and drills, prioritizing skill progression, safety, and enjoyment	
<b>Spartronics High School Robotics Team Captain</b>	Sep. 2021 - June 2023
• Led members through the design, building, and competition of the robot as elected captain	
• Plan meetings, manage members, make critical design decisions, and collaborate on building robots	
<b>Port Madison Yacht Club Jr Board Vice Commodore and Treasurer</b>	Dec. 2021 - Sep. 2023
• Created and managed board meetings, club events and race team practices	
• Managed club funds and made informed purchasing decisions for major equipment	
• Voted in board meetings to help make important decisions about the future of the club	