

# Brooks Wimer

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## EDUCATION

**Boston University**, Boston, MA | GPA: 3.81 | May 2025

Deans Circle, Deans List, Computer Science Major | May 2020

**Choate Rosemary Hall**, Wallingford, CT | GPA: 3.72

## CODING EXPERIENCE

**Capacity Deviation Display (Intern Project)**, R SQL JS CSS HTML

September 2024  
- November 2024

- Designed and developed a dynamic visualization tool to monitor and display capacity deviations across multiple operational systems on the energy grid
- Implemented real-time data collection and processing pipelines using R and SQL
- Integrated the display with JavaScript to create an interactive and user-friendly web interface for system operators real-time monitoring

**Updating and Maintaining the Emergency Notification System (Intern Project)**, Python SQL

May 2024 -  
August 2024

- Developed a Selenium WebDriver script to automate updates to an Emergency Notification System (ENS) which contacts all New England energy producers in the case of an emergency
- Automated additions, deletions, and modifications of contact details within ENS, eliminating manual errors, inconsistencies, and time spent maintaining the system

**API Template and Instructions (Intern Project)**, Java XML Python

May 2024 -  
August 2024

- Led a complete overhaul of API documentation provided to NE's renewable power plants
- Created a solution for 30% of NE's renewable energy plants that are unable to understand the previous Java-based documentation and failing to submit required data via the API
- Authored a 60-page step-by-step guide detailing the entire API submission process, ensuring all plants can successfully navigate and implement the system

**SmartChef Application (School Project)**, Java SQL Python

September 2023  
- December 2023

- Conceptualized and developed a novel application that simplifies meal planning by integrating a food recipe API designed to help users discover recipes and automate ingredient delivery
- Designed script to request Spoonacular recipe API based on user taste preferences and diet
- Built web-driving script using Selenium to find grocery stores on DoorDash near a specified address and list their inventories
- Built function for matching recipe ingredients to grocery store inventory and integrated with DoorDash delivery API

## WORK EXPERIENCE

**Software Development Intern**, Holyoke MA | *ISO New England*

May 2024 -  
Present

- Building software tools to assist with managing New England's power grid
- Gaining experience in the full software development lifecycle, from conceptualizing a tool to ultimately deploying the solution within the company's software infrastructure

**Course Assistant**, C# Full Stack Dev | *Boston University*

September 2023  
- Present

- Charged with developing curriculum, teaching classes, and evaluating students' final applications based on quality of code, usability, and functionality

**CPG Research Analyst**, Remote | *Talitha*

May 2023- May 2024

- Working with the M&A team to identify and contact potential acquisition targets
- Aggregating, organizing, and analyzing Sales Force data

**Deans Advisory Board** | *Boston University*

September 2022  
- May 2023

- One of ten freshmen selected to participate in monthly conversations with the Dean of Students targeted at curriculum improvement

**E-commerce Research Analyst**, Remote | *Dragonfly*

May 2021-  
January 2022

- Worked for the M&A division researching and contacting potential Amazon brand acquisitions
- Located and coordinated four successful deals

## TECHNOLOGIES:

(Intermediate) Python, Java, C. (Novice) SQL, Command Line, Linux, HTML, R, C#, React, C++, XML