

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

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
- Transitioned API documentation from Java to Python, building comprehensive functions for all API interactions to simplify data submission
- 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

OTHER 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# | *Boston University* September 2023 - Present

- Selected based on academic standing by the Computer Science department to serve as a Course Assistant for a CS 392, a C# full stack app development class
- Charged with developing curriculum, teaching classes, and evaluating students' final presentations/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 based on academic achievement
- Participated 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