Brooks Wimer

4 Gardner St., Allston, MA | (847) 648-1332 | bwimer@bu.edu | https://brookswimer.com

EDUCATION
Boston University, Boston, MA | GPA: 3.81 | May 2025
Deans Circle, Deans List, Computer Science Major
Choate Rosemary Hall, Wallingford, CT | GPA: 3.72

CODING EXPERIENCE

Capacity Deviation Display (Intern Project), R SQL JS CSS HTML
September 2024 - November 2024
- Developed a real-time visualization tool to monitor capacity deviations on the energy grid
- Built data pipelines using R & SQL and integrated an interactive web display with JavaScript

Updating and Maintaining the Emergency Notification System (Intern Project), Python SQL
May 2024 - September 2024
- Automated updates to an Emergency Notification System using Selenium & Python
- Eliminated manual errors by automating additions, deletions, and contact modifications

API Template and Instructions (Intern Project), Java XML Python
May 2024 - August 2024
- Overhauled API documentation and template, enabling 30% of non-compliant renewable energy plants to meet government-mandated data submission
- Authored a 60-page guide ensuring clear and successful API implementation

SmartChef Application (School Project), Java SQL Python
September 2023 - December 2023
- Developed an application that simplifies meal planning by integrating a recipe API for automated ingredient delivery
- Used Selenium to locate nearby grocery stores on DoorDash and list their inventories
- Matched recipe ingredients with store inventory and integrated ordering via DoorDash API
- Converted an old computer into a dedicated backend server to run Selenium automation
- Rebuilt the entire application architecture to support self-hosted deployment, integrating backend automation with a live app demo on my website

WORK EXPERIENCE

Software Development Intern, Remote | *Corso*
January 2025
- Contributing to the development of a Next.js web application for AI-powered data analytics and visualization of construction permits and regulatory data
- Implementing frontend components using React, TypeScript, and Tailwind CSS
- Integrating backend services with Node.js, PostgreSQL, and REST APIs, and cloud-based infrastructure

Software Development Intern, Holyoke MA | *ISO New England*
May 2024 - January 2025
- 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 Salesforce 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:
Python, Java, C-Suite, SQL, Command Line, Linux, HTML, R, React, XML, JavaScript, CSS, TypeScript