



Abraham Gonzalez Diaz

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Education

BOSTON COLLEGE

Chestnut Hill, MA

Bachelor of Art in Computer Science

Anticipated graduation: May 2026

Computer Science & Software Development: Computer Science I, Data Structures, Software Engineering, Web Application Development

Systems & Computation: Computer Organization and Lab, Computer Systems, Logic and Computation, Randomness and Computation

Mathematics & Theoretical Foundations: Calculus II, Multivariable Calculus, Text Processing

Academic Projects

COMMUNITY ENGAGEMENT WEBSITE FOR CLEAN AIR GREEN CORRIDOR [\(Github, Website\)](#)

Description: Designed and developed a website to support the CAGC initiative, empowering community members in Washington Heights to map hazards (e.g., litter, needles) and highlight positive neighborhood aspects.

Technologies Used: HTML, CSS, JavaScript.

Key Contributions:

Developed an interactive mapping tool to track and visualize community-reported issues, integrating user-friendly features to enhance collaboration among residents and volunteers. Conducted stakeholder interviews to ensure the website aligned with organizational goals.

PYTHON-BASED WORD CLOUD ANALYSIS OF COMEDY VS. HORROR SCRIPTS [\(Github\)](#)

Description: Developed a Python-based script analysis tool to compare linguistic patterns in comedy and horror movie scripts.

Technologies Used: Python, requests, BeautifulSoup (bs4), NLTK, matplotlib.

Key Contributions:

Collaborated with a team to analyze comedy and horror scripts using text-processing techniques, generating genre-specific word clouds to visualize frequent terms. Leveraged web scraping and NLP to extract and process data, identifying distinct and overlapping language patterns to provide insights into screenwriting trends.

PEER ASSESSMENT WEB APPLICATION – CTRL-ALT-ELITE [\(Github\)](#)

Description: Developed a Django-based web platform for peer evaluation in team-based academic settings.

Technologies Used: Python, Django, HTML, CSS, JavaScript, SQLite.

Key Contributions: Collaborated with a team to build a full-stack web application that allowed students to register, log in, and complete dynamic peer assessments using Likert-scale and open-ended questions. Designed and implemented admin panel features to manage evaluations and visualize responses in real time. Ensured reliable data handling and user experience through Django's ORM, custom forms, and validation tools.

Internships

CARBON FIBER MUSIC WEB DESIGN INTERNSHIP

Miami, FL

Web Design Internship

May 2025-December 2025

Redesigned and maintained the official Carbon Fiber Music website using HTML, CSS, and JavaScript to create responsive, visually engaging pages for both the company and its signed artists. Built custom artist profile pages, embedded multimedia, and streamlined navigation to enhance user experience. Collaborated with the design team using Figma to prototype layouts and implemented ClickFunnels to support marketing and promotional campaigns.

Previous Job Experiences

FOOT LOCKER INC.

New York, NY

Sales Associate

May 2023 - June 2023

Assisted in in-store sales and managed packaging and shipping for online orders, ensuring timely pickups and

deliveries. Analyzed market trends using research and analytics to identify key patterns and suggest strategies for improving sales.



Additional Skills

Coding languages: C, CSS, Django, HTML5, Java, JavaScript, Python, React, SQLite

Other Skills: Spanish Speaker, Excel