DOMINIC C. MAGLIONE

dcmaglione@gmail.com || (703) 851-0705 || dcmaglione.com

EDUCATION

Boston University   Sep. 2020 — May 2023
BA in Computer Science, Accelerated MS in Computer Science
- GPA: 3.80 / 4.00, Dean's List (3 Semesters)
- Courses: Software Engineering, Database Systems, Computer Systems, Data Structures and Algorithms, Probability in Computing, Analysis of Algorithms, Strategic Intelligence

TECHNICAL SKILLS

C, Python, C++, Java, Linux, Bash, Git, LaTeX, ReactJS, SQL, Vim, QEMU, VirtualBox, Docker, AWS, HTML, CSS

EXPERIENCE & CAMPUS LEADERSHIP

Engagement Officer, *Computer Science Ambassadors*   Dec. 2021 — Present
- Foster engagement with BU student body through peer mentorship initiatives, community-building events, and interaction with campus faculty and 23 computer science student-led organizations.
- Lead team of 40+ Ambassadors, define member roles and responsibilities and monitor and document organizational activity.

Course Assistant, *Boston University*   Sep. 2021 — Present
- Hold weekly office hours and grade assignments for 160+ students in CS210 Computer Systems.

Director of Recruitment, *Upsilon Pi Epsilon*   Apr. 2021 — Present
- Lead UPE's semesterly recruitment process by planning informative, social, and professional events.
- Facilitate application process which includes creating application form, developing (via committee) 15 programming and logic-based interview questions, arranging 60+ interviews, and guiding the candidate selection process.

Cashier, *Wegmans Food Markets Inc.*   Dec. 2018 — Present
- Process electronic and cash transactions via traditional registers and self-checkout systems.
- Ensure customer satisfaction by offering detailed product and services information, resolving customer complaints and issues, and facilitating effective communication with store management.

Competitor (Terra Nova), *BostonHacks 2020*   Nov. 2020
- Won *Best Conservation for Society* and *Best Use of Google Cloud* out of over 40 competing entries.

PROJECTS

Personal Website — HTML, Tailwind CSS, React
Live website built using React and several npm packages to showcase experiences, projects, and skills.

Dotfiles — C, Python, Vim Script
Customization files, like .vimrc, .bashrc, .ssh, etc., to personalize Linux or other Unix-based systems.

Personal Archive — HTML, CSS, Gemini
Comprehensive and detailed project archive leveraging new internet application layer protocol Gemini.

Pathfinding Visualizer — Python, Pygame
Visualizes the A* Algorithm and Dijkstra's Algorithm using Python and various modules such as Pygame.

Official CSA Website — HTML, SCSS, React
Led a team to maintain a website using React and Node.js for back-end server-side processing.

Terra Nova — C#, Firebase, Unity
High-fidelity 3D game that communicates in real-time with multiple APIs and a custom-built web platform.