Daniel Davydov

Boston, MA
danieldavydov0@gmail.com | 917-981-8818 | https://cs-people.bu.edu/ddavydov/

EDUCATION

Boston University, Boston, MA — Expected Graduation May 2025
Bachelor's Degree in Computer Science

- Fall 2022 Semester GPA: 3.68

Port Richmond High School, Staten Island, NY — Sep 2017 – May 2021
High School Diploma

- GPA: 4.12 (Advanced Regents Diploma)

ACADEMIC PROJECTS

Boston University, Boston, MA — Fall 2022
PetScout

- Created using HTML, CSS, JavaScript, and Firebase
- A website dedicated to helping users find adoptable pets, and nearest pet stores in Boston. The website contains an anonymous forum for users to discuss anything pet related.
- Coordinated and delegated a group of three peers to troubleshoot, develop, and deploy the website in one week.
- Presented project in front of a class of 100 peers and received feedback.

Boston University, Boston, MA — Spring 2022
Eight Puzzle Solver

- Created using Python
- This program takes in a randomized Eight Puzzle board as input and solves it with various searching algorithms: Breadth-first search, Depth-first search, Greedy search, A* search.
- Created two heuristics to optimize the efficiency of the searching algorithms.

PROFESSIONAL EXPERIENCE

New York, NY | Boston, MA — May 2022 - Present
Freelancer

- Worked on and aided in website development for numerous clients. Usually taking on pro-bono work for clients with little to no knowledge in website design and development.
- Mainly used HTML, CSS, JavaScript, and Firebase.

New York, NY | Boston, MA — Dec 2020 - Present
Tutor

- Tutored high school and college students in Algebra, Calculus, Data Structures and Algorithms (Java), and Object-Oriented Programming in Python.

TECHNICAL SKILLS

- **Full Stack Software Development** – Python, JavaScript, HTML, CSS, React, Java, C, Swift, node.js, Flask, Firebase, REST APIs, Git, GitHub

RELEVANT COURSEWORK

- Website Programming, Object-Oriented Programming, Data Structures & Algorithms, Combinatoric Structures, Geometric Algorithms, Computer Systems