Daniel Olusheki

dolusheki@brandeis.edu | 1-917-600-8486 | <u>LinkedIn</u> | <u>Github</u>

EDUCATION

Brandeis University - Waltham, Massachusetts   *B.S. in Computer Science & B.A. in Biology* | GPA: 4.00 | May 2029
Relevant Coursework: Advanced Programming Techniques (Java), Data Structures & Algorithms (in progress)

Little Red School House & Elisabeth Irwin High School (LREI) - New York City, New York   GPA: 4.00 | Jun 2025
Relevant Coursework: Robotics, Computational Modeling, Biomechanics, Integral Calculus

HONORS

Posse Foundation Full-Tuition Leadership Scholarship 2029
The F. Coit Johnson Academic Excellence Award (2025, LREI) - For receiving a perfect 4-year academic transcript
The Owen Gerson Director's Award (2025, LREI) - For making a lasting impact on the school community, 1 recipient per year

EXPERIENCE

BrandNewSchool | *Intern* | New York, NY   May 2025 - Jun 2025
- Completed **150+ hours** of intensive instruction and independent practice in **Houdini**, developing procedural, node-based 3D systems under direct mentorship from the studio's Technical Director
- Designed and rendered experimental **3D typography projects**, building custom node networks to convert text inputs into dimensional letterforms while applying core principles of modeling, lighting, rendering (Mantra), and motion editing
- Produced and exhibited a portfolio of **500+ original digital artworks** in a public gallery-style showcase (screens + prints), engaging with **100+ attendees** and receiving mentor recognition for rapid skill acquisition, initiative, and working beyond assigned scope

All Star Code | *Alum* | New York, NY   Jul 2022 - Aug 2022
- Selected for a competitive 6-week Summer Intensive (18 hrs/week) emphasizing computer science principles, web development, technical problem-solving, and professional self-development
- Led development and design of a Community Service Accessibility website using **HTML, CSS, and JavaScript**, curating and structuring **50+** nonprofit and volunteer resources to improve access to service opportunities in the NYC area
- Presented the project to program leadership and peers, inspiring a **$100 philanthropic donation** to a selected nonprofit and strengthening skills in research, technical communication, and project ownership

Code Nation | *Alum*   Oct 2022 - June 2024
- Completed a two-year, Google-hosted coding fellowship, building multiple front-end projects using **JavaScript** and **React** to strengthen problem-solving and programming fundamentals
- Developed interactive applications (quiz app, Connect-4, trivia projects) while supporting peers by debugging issues and explaining technical concepts
- Participated in a 15-team **hackathon** at Google HQ, collaborating on a hobby-matching web app prototype and networking with Google engineers

ACTIVITIES & LEADERSHIP

Computational Biology Kadener Lab | *Researcher*   Sep 2025 - present
- Assist in analyzing and visualizing **spatial transcriptomics** data from fly brains, supporting efforts to identify and map gene expression patterns across brain sections.
- Contribute to early-stage AI-assisted cell identification workflows, gaining exposure to data-driven research at the intersection of biology and computation.

Student Government | *Director of Communications*   Sep 2021 - Jun 2025
- Directed school-wide communication initiatives by producing weekly digital lobby updates and launching a new student suggestion system to improve information flow and engagement.

Black Student Union | *Leader*   Sep 2019 - Mar 2025
- Led the Black Student Union at a PWI, organizing programming and advocacy initiatives that fostered an inclusive community and grew membership to 25+ active students

SKILLS

Languages & Frameworks: Java, JavaScript, React, HTML, CSS   **Data & Visualization:** Seaborn, Python (basic)
Tools & Software: GitHub, Houdini, Photoshop
Languages: French (Intermediate)   **Interests:** Visual Art, Design, Sewing, Guitar