

Kareem DaCosta

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Education

Columbia University School of Engineering and Applied Sciences New York, NY
Bachelor of Science; Intended major: Computer Science; GPA: 4.1602 May 2025

Columbia Grammar and Preparatory School New York, NY
High School Diploma; GPA: 3.98 (unweighted); ACT: 36/36 May 2021
Winner: National Merit Scholarship, James W. Stern Award (third in class ranking)

Additional Coursework

Columbia University College Edge Program (High School) Summer 2019 - Summer 2020
Relevant Coursework: Essential Data Structures, Data Structures in Java; GPA: 4.165

Skills

Programs: Java, Python, C, HTML, CSS, JavaScript, React, Node/Express, Parse

Languages: Spanish, basic knowledge of Arabic

Work Experience

Meta Menlo Park, CA
Meta University Intern (10 week internship) May 2022 - August 2022

Underwent 3 weeks of training in HTML/CSS/JavaScript, React, and Node/Express; created a website in 6 weeks to match users with Dungeons and Dragons parties meeting their interests.
Website Features: Custom-built live and paginated chat and notifications systems created with Sockets API; a paginated, ranked, dynamically fetched party query system; background thread prefetching; responsive web design; custom party images; persistent login.

- Built using a React frontend, a Node/Express backend, and a Parse database
- Github: <https://github.com/Dungeon-Delver>; Website: <https://dungeon-delver.vercel.app/>
- Received rating of absolute confidence hire (highest rating); worked with manager on internal SEVs due to completing website ahead of an aggressively planned schedule

We Love Coding New York, NY
President (Leader of Organization) March 2020 - May 2021
Volunteer teacher September 2018 - May 2021

Student-created and run volunteer group to teach coding to disadvantaged middle-schoolers.

- Ran program, taught coding in-person and online. Over 100 hours volunteered.
- Solo launched and implemented switch to online learning during pandemic
- Expanded program while online; tripled to 16 students, doubled to 13 teachers
- Managed communications with parents and volunteering locations such as community centers and middle schools; organized online classes, and provided weekly updates
- Managed internal organization including recruiting additional teachers, arranging weekly schedules, and dealing with last minute changes; undertook succession planning

Coding Videos Creator June 2020 - August 2020
Created introductory coding videos for the Misr Public Library (Egypt) for primary-school kids.

Projects

HackMIT → Hackathon Sponsored by MIT September 2021

Part of a four-person team from Columbia University that coded and deployed, using HTML, CSS, and JavaScript, a website that encourages electronics recycling. <http://silo.vercel.app/>

- Individually parsed two .csv files using JavaScript to dynamically generate write-ups and charts (using Google Charts API) about the elements in each device. Enabled the scaling of the website to include more devices through the simple modification of one line of code.

Interests

Interests: Piano, Violin, Soccer (JV-Coaches Award), Skiing, Tae Kwon Do (junior black belt)