Kareem DaCosta

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EDUCATION

Columbia University School of Engineering and Applied Sciences

B.S. in Computer Science | GPA: 4.16/4.0 September 2021 - Present (Anticipated May 2025)
- Relevant Coursework: Advanced Programming, Discrete Mathematics, Fundamentals of Computer Systems, Computational Linear Algebra

Columbia University College Edge Program (Dual Degree in High School) Summer 2019 - Summer 2020
- ***GPA: 4.16/4.0***
- Relevant Coursework: Essential Data Structures, Data Structures in Java

SKILLS

- Programming Languages: Java, Python, C, HTML, CSS, JavaScript, React.js, Node.js/Express.js, Parse
- Environments Used: Visual Studio Code, Vim, Unix, Spyder, Jupyter Notebook, Eclipse
- Languages: Spanish, Basic knowledge of Arabic

EXPERIENCE

Sustainable Sister **New York, NY**

Software Engineer September 2022 - Present
- Develop image recognition neural network using Tensorflow for personalized UX
- Create full front-end/back-end of website through react.js, node.js/express.js
- Attend weekly stand-up meeting to discuss progress/problems
- Collaborate with UX designers/marketing team to implement new changes to the website

Columbia University **New York, NY**

Resident Advisor August 2022 - Present
- Dedicate 20 hours a week to connect with residents, create floor programming, provide guidance, mentorship, and support
- Supervise 42 residents from multiple special interest groups

Meta **Menlo Park, CA**

Meta University Software Engineering Intern May 2022 - August 2022
- Created a [website](#) in 6 weeks using a React frontend, a Node/Express backend, and a Parse database to match users with Dungeons and Dragons parties meeting their interests. Code available on [Github](#)
- Worked with manager on internal SEVs due to completing website ahead of an aggressively planned schedule
- Shadowed Software Engineer and met with multiple engineers, data scientists, and managers
- Earned rating of absolute confidence hire (highest rating)

We Love Coding **New York, NY**

President (Head 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

Misr Public Library **Cairo, Egypt**

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

Projects

Personal Website September 2022
- Built a personal [website](#) in React and hosted with Vercel. Code available on [Github](#)

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