



## { Coded by: Kids }

# CbK Overview

Coded by Kids provides coding, digital design, and computer science programs to underserved students ages 8 to 18 years old. Our vision is to make technology and innovation equitable for all people. Our mission is to prepare underrepresented young people to succeed as tech and innovation leaders through project-based learning and mentorship.

### OUR ORGANIZATION

Coded by Kids is a 501(c)(3) nonprofit tech education organization that utilizes project-based learning and mentorship to prepare our students to be the tech leaders of the future. Our programs are structured for students to participate over the course of multiple years, with a focus on tech careers with high earning potential and significant opportunities for growth, as well as tech-focused startup entrepreneurship.

Programs are designed to provide young people of all backgrounds with intermediate to advanced level software development, data science, and user experience design skills where the lack of diversity, equity, and inclusion are the greatest. We connect our students to mentors who come from tech to ensure they have a network and support system of tech and startup professionals around them. Our programs are designed for students to participate over the course of multiple years to provide them with the level of support necessary to actually prepare them to be tech leaders.

### OUR CORE VALUES

- ✓ **Equity:** We are catalysts of change who, in pursuit of a more vibrant, diverse future, seek to bring equity to the tech industry.
- ✓ **Creativity:** We encourage students to embrace the kind of inquisitive thinking that has shaped the greatest achievements in history.
- ✓ **Ambition:** We believe the path to success is paved with ambition, and we are committed to helping all children create their path to a brighter, more hopeful future.
- ✓ **Community:** We believe that harnessing the power of community provides students with the most immersive and effective educational experience available.

### Follow Us!

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## THE PROBLEM WE ARE TRYING TO SOLVE

As technology has become a core component of our lives and workplaces, opportunities for people with software development, data science, and user experience design skills have grown at a rapid pace. This growth in opportunity will increase as our society becomes more reliant on technology. However, large groups of people have been unable to benefit from this growth because they lack access to high-quality tech education. This inequality can be seen at many of the world's most prominent tech companies. Since 2014, the number of black employees in technical roles at Facebook has remained at 1%, and the number in senior leadership has only grown from 2 to 3%. During the same time period, the number of black employees in technical roles at Google has remained under 2%, while the number in senior leadership has grown from 1.5 to 2.0%. The issues of diversity, equity, and inclusion not only impact black employees but also women, other people of color and gender non-conforming individuals.

## OUR PROGRAMS

### CbK CLASSROOM

CbK Classroom programs make web development engaging and relevant to students in 3rd-12th grade. Our experienced instructors use project-based learning to help students build industry-relevant skills and prepare them for career opportunities. Along with guided instruction, students use class time to master core tech concepts and build their projects independently. Our program focuses not only on technical proficiency, but also building students' critical thinking, collaboration and problem solving abilities. CbK Classroom programs are available at three skill levels:

**CbK Explore** exposes students to coding and technology and provides them with introductory level instruction in software engineering and web development, so they can make an informed decision about their interest in the content.

**CbK Launch** provides students with intermediate level instruction to build both their web development and software engineering skills, as well as a portfolio they can use to seek professional opportunities.

**CbK Accelerate** provides students with advanced level instruction as well as access and support to professional opportunities that connect them to mentors, internships, and client experiences.

### TEACH TO LEARN

This cross-disciplinary fellowship prepares adults with no background in web development for careers as web developers. Teach to Learn Fellows complete a Udacity Nanodegree, participate in formal classes covering technical subject matter, as well as modules on how to effectively teach. Coded by Kids covers the costs of the fellowship, and in exchange, Teach to Learn fellows complete a teaching commitment in our classrooms.

### DRAFT STUDIOS

A student-run digital design and web development agency where teams of teenagers work on real UI/UX and web development projects for nonprofits and small businesses.



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