



# HIT in the CLE

Member of the STEM PUSH Network, an NSF INCLUDES Alliance

HIT in the CLE is an after/out of school program that targets African American and Latine students in Cleveland, OH, to create pathways of exposure to computer and data science. The program achieves this goal through coding classes, an annual high school data science competition, and summer internship placement for college students.

Professional development and mentoring is incorporated in the programming to build student self esteem as many are first generation STEM students and potential college students.

## HIT in the CLE emphasizes & develops several targeted outcomes, including:

- Proficiency in coding in multiple languages (HTML, Python, Javascript)
- Ability to perform data analysis on large data sets utilizing tools
- Development of presentation skills (visual & oral)
- Resume writing / interviewing skills



Students demonstrate these skills through producing web sites and participation in a citywide data science competition mentored by industry professionals. The data sets are of interest to high school students, and the event emphasizes fun with a DJ, prizes and guest speakers.

## About STEM PUSH

STEM PUSH, an NSF INCLUDES Alliance, is a national network of pre-college STEM programs who are engaging youth historically underrepresented in STEM to learn & do in-depth, authentic science, and ultimately to persist in STEM through college & beyond. More information available at [stempushnetwork.org](http://stempushnetwork.org).



## Program Features

### Computer/ Data Science

STEM Focus



### African American

**& Latine** community recruited to engage in code and analytics to create level playing fields

**150** students per year

**~2** program hours per week, year round

**95%** of participants are underrepresented in STEM

## Program Results

**70%** of participants attend college

### Alum attend colleges including:

- Case Western Reserve University
- Cleveland State University
- Miami University
- Morehouse College
- Oberlin College
- Rochester Institute of Technology

### Connect with HIT in the CLE!

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Learn more at [hitinthecle.com](http://hitinthecle.com)