

Cultivating Coders

A Coding Bootcamp That Goes Wherever It's Needed



A Problem Worth Solving



21%

"Projected job growth
rate for developers."

Department of Labor

1 Million

"more jobs than
students to fill
engineering roles."

Code.org

Our Students Learn



Introduction

Cultivating Coders differentiates itself by bringing coding classes to rural, tribal, and inner-city areas where resources are not currently available for this type of training. We focus on high school students, aged 13-18, and aim to track them for the duration of their high school years.

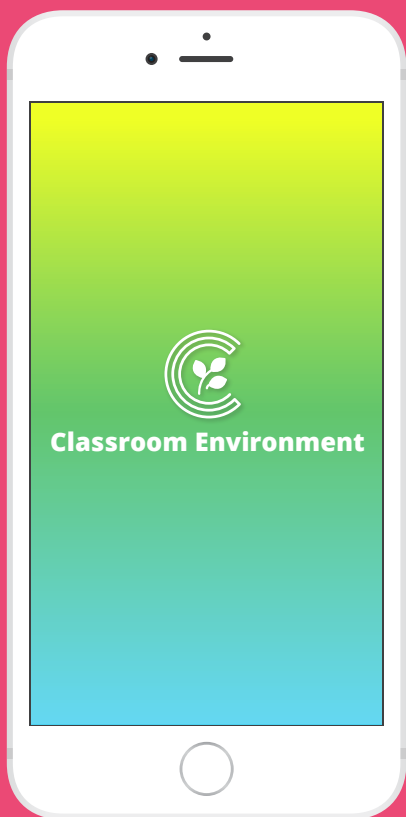


Opportunity

Cultivating Coders offers an eight week intensive boot camp-style training course focused on web application development fundamentals and technical training. The camp teaches a host of evolving and cutting edge web development technologies ensuring students are always learning the optimal curriculum to be successful and employable upon completion.

Giving Back to the Community

We believe the coding done by our students should not go to waste. Therefore, we identify businesses and non-profit organizations in the community that could benefit from the web development produced by our students. By partnering with local companies, we create endless opportunities for our students.



12 - 21

STUDENTS
PER CLASS



13 - 18

AGE OF
STUDENTS



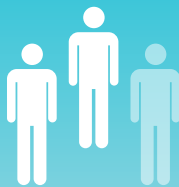
\$3-6K

COST PER
STUDENT



2 - 3

INSTRUCTORS
PER CLASS



 **8 WEEKS**

 **M - F**

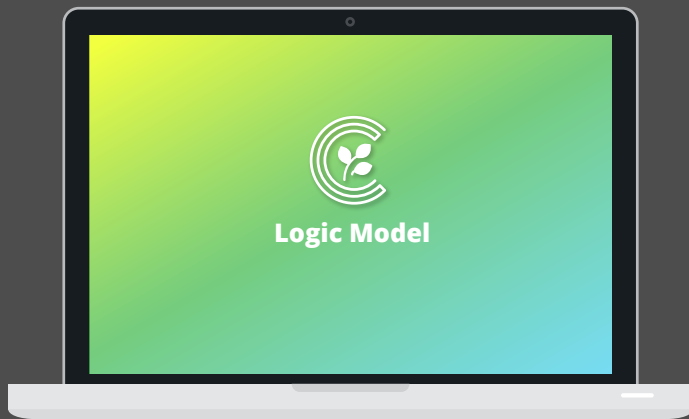
 **20-30 HOURS
PER WEEK**

FREE

LAPTOPS



**FOR ALL
STUDENTS**



THE PROBLEM

In isolated communities of color, young people lack opportunities to learn how to code, and technology services are outsourced.

OUR PURPOSE

Build a pipeline of talented coders who are poised to advance along career pathways and solve local problems with coding expertise.

RESOURCES AND INPUTS

- Community program delivery partners
- Sponsors and funding partners
- Pathways partners from higher education, industry employers, and collaborating agencies
- Coding instructors and content experts
- Training facilities, laptops, and software
- A dedicated, passionate community of stakeholders

KEY ACTIVITIES

- Certified coding camp intensives that teach up to 7 languages and incorporate demos and pitches
- After-school coding clubs and monthly tutoring
- Community-driven website development projects
- Merit-based instructor training to ensure a peer-led learning environment
- Opportunities for internship recruitment and placement

IMMEDIATE OUTPUTS

- # of coding camp graduates and laptops distributed
- # of graduates who pass skills assessment aligned to industry standards
- # of graduates certified in specific coding languages
- # of coding camps delivered
- # of pro bono community technology projects completed
- # of communities/tribal communities served

MID-TERM OUTPUTS

- ✿ Expanded instructor-level coding expertise
- ✿ Income generation for graduates through internships and well-paid freelance work
- ✿ Talent retention: reversal of brain drain
- ✿ Asset circulation: community technology needs met by local providers
- ✿ Broader program reach through press visibility and deeper partner engagement

LONG-TERM OUTPUTS

- ✿ Diversification of local economies
- ✿ Socio-economic security in isolated and underserved communities
- ✿ Intergenerational hope and pride
- ✿ Racial and gender equity gains within the tech industry



CULTIVATING CODERS ACCOLADES

REPEATED SUCCESS AND GROWTH

11 **SUCCESSFUL CAMPS**
IN JUST 2 YEARS

ALL 2016 CAMPS



COMPLETION RATE

SHIPROCK HS CAMP



COMPLETION RATE

CONTINUING ON

7
GRADUATES
have
founded
Cheii Dev
Shop in
Farmington,
NM

CLOSED LOOP SUCCESS

3 **GRADUATES**



ARE NOW INSTRUCTORS

STARTUP OF THE YEAR



MEMBERSHIP

Member of White
House Initiative:

TechHire

In Santa Fe and
Northern, NM

CONTRACT OPPORTUNITIES

Top Graduates have the opportunity to receive paid contract work from partners like WSI Internet Marketing and more.

PARTNERS

AT&T

Microsoft

Pixegon Inc.

Ruler Creative

Rural Sourcing Inc.

Teach for America

WSI Internet Marketing

Delta Regional Authority

Tech Hire & Opportunity Works

ABQ Hispano Chamber of Commerce

Air Force Research Laboratory

Los Alamos National Laboratory Foundation

State of New Mexico Division of Vocational Rehabilitation

RS21

GEAR Up

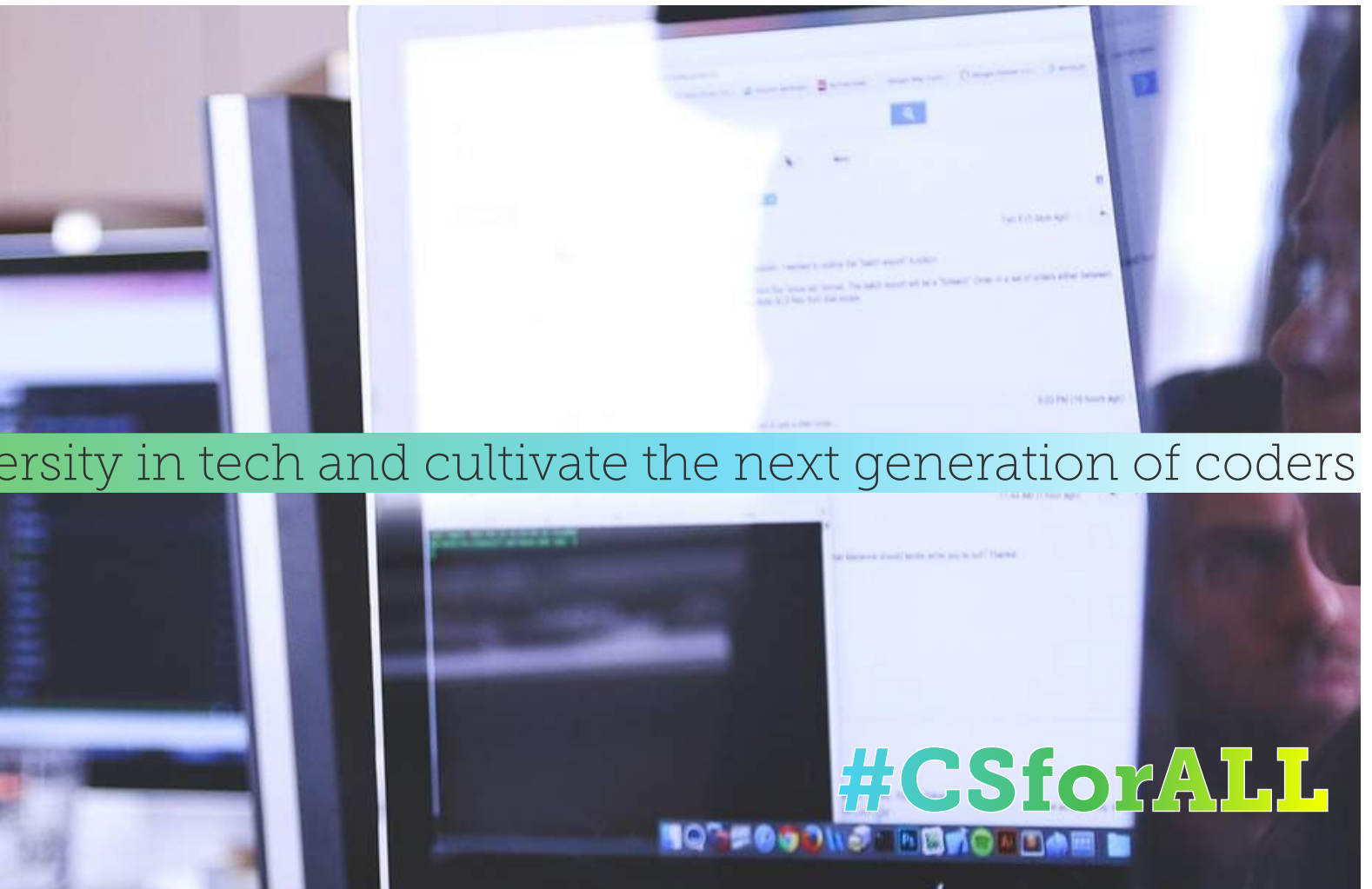
The Navajo Nation





Thank you for joining us on our mission to increase diversity

 Cultivating Coders



diversity in tech and cultivate the next generation of coders

#CSforALL



Official Brochure and Logic Model

#CSforALL

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