



# Hack Upstate's Careers in Code

**A Coding Bootcamp for Women and Minorities to Combat Poverty in CNY**

**Student Outcomes Report - Cohort 1 (2019 - 2020)**

**First Day of Class:** 3/11/2019

**Graduation Date:** 8/22/2019

**Outcomes Reporting Period:** 8/23/2019 - 2/18/2020 (180 days)

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# About Careers in Code

Poverty throughout Central New York is rising at an accelerated rate and stifling our region's economic potential. In 2018, Syracuse, NY was named one of the top ten most impoverished cities across all of U.S<sup>1</sup>. To put that into perspective, roughly 1 in every 3 people in Syracuse live in poverty. In particular, there are few opportunities for women and minorities to advance in concentrated areas of extreme poverty. Equal access to educational and employment opportunities are simply not available to them.

At the same time, many Central New York employers are struggling to hire local software developers. Software developers are critical to their growth, but at this time our regional talent pool isn't large enough to support their needs. Consequently, employers that want to hire locally are often left with no choice but to outsource their work to 3rd party consultants and contractors that operate outside of Central New York.

Careers in Code is Hack Upstate's initiative to help advance Central New York's tech community by offering computer programming education to help fight poverty. It is a 24-week program to support women and minorities from distressed areas of Central New York — poverty in these neighborhoods means residents don't have equal opportunities to access education and employment opportunities. Careers in Code was created to help close this gap and increase our region's economic potential.

## About This Report

This report includes data regarding our 12 students who enrolled in our first cohort of Careers in Code. The program **started on March, 11 2019** and ended on **August 22, 2019**. Classes were held Monday through Thursday, 5:30pm to 8:30pm at the Technology Garden in Syracuse, NY.

After graduation, our students are seeking internships and jobs to start their careers as software professionals. **Outcomes will be measured in approximately 30, 60, 90, 120, 150, and 180 day intervals and published afterwards.** See [Appendix: Reporting Schedule](#) for a detailed timeline.

The intention of this report is to accomplish the following:

- Measure success and determine if we have satisfied our goals
- Create transparency for the community
- Continue to help us make data-driven decisions

The data we've collected and aggregated from our students includes:

- Placement / Employment
- Job Search, Interviews, and Offers
- Job Creation
- Wealth Creation - Hours and Wages
- Post-program Survey Data
- Demographics (Age, Gender, Race)

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<sup>1</sup> [Syracuse makes list no one wants to be on: Top 10 U.S. cities with highest poverty](#)

# Student Acceptance and Graduation Rates

Type	Number of Students	% of Cohort
Acceptance Rate	12 accepted, 44 applied	27%
Candidates for Graduation (8/22/19)	11	91.67%
Withdrawals	1	8.33%
Total Graduation Rate	11	91.67%

## Student Outcomes

### Key Metrics (0 to 30 days)

Key Metrics	Number of students	Percentage
The percentage of students that completed the full 24 week coding bootcamp.	11 of 12	91.67%
The percentage of students that obtain jobs and internships as software developers within 180 days of graduation.	2 of 11	18.18%
The average compensation for students that receive jobs and internships as software developers within 180 days of graduation.	\$26.94 (hourly)	/
The average increase in annual salary for students who complete the full 24 week coding bootcamp within 180 days of graduation.	TBD	

## Placement / Employment

Placement / Employment Status	Number of Students (10 of 11 reported)						
	0-30 days	31-60 days	61-90 days	91-120 days	121-150 days	151-180 days	0-180 days
Underemployed <sup>2</sup>	0						
Unemployed	3						
Employed outside of the computer programming industry	0						
Employed within the computer programming industry	1						
Freelancer	2						
Full-time	3						
Part-time	3						

<sup>2</sup> [\(of a person\) not having enough paid work or not doing work that makes full use of their skills and abilities.](#)

## Job Search, Interviews, and Offers

	Number of Students (10 of 11 reported)						
Job Search, Interviews, and Offers Status	0-30 days	31-60 days	61-90 days	91-120 days	121-150 days	151-180 days	0-180 days
Total Number of Internships or Jobs Applied To	30						
Total Number of Interviews	11						
Total Number of Internship or Job Offers	4						

## Job Creation

	Number of Students (10 of 11 reported)						
Job Creation Status	0-30 days	31-60 days	61-90 days	91-120 days	121-150 days	151-180 days	0-180 days
New jobs in software industry	1						
New internships in software industry	1						
New consulting arrangements in software industry	2						
Promotion at current jobsites	0						

## Wealth Creation

	Number of Students (10 of 11 reported)						
Wealth Creation Status	0-30 days	31-60 days	61-90 days	91-120 days	121-150 days	151-180 days	0-180 days
Total students receiving a wage increase	2 <sup>3</sup>						
Overall hourly average wage increase	\$26.94 <sup>4</sup>						

## Student Post-Program Survey Data

From our [student post-program survey](#), 6 of 11 students have reported the following:

1. 100% of students are satisfied overall with the program
2. 100% of students would recommend the program to a friend
3. 100% of students believe we have met our mission statement

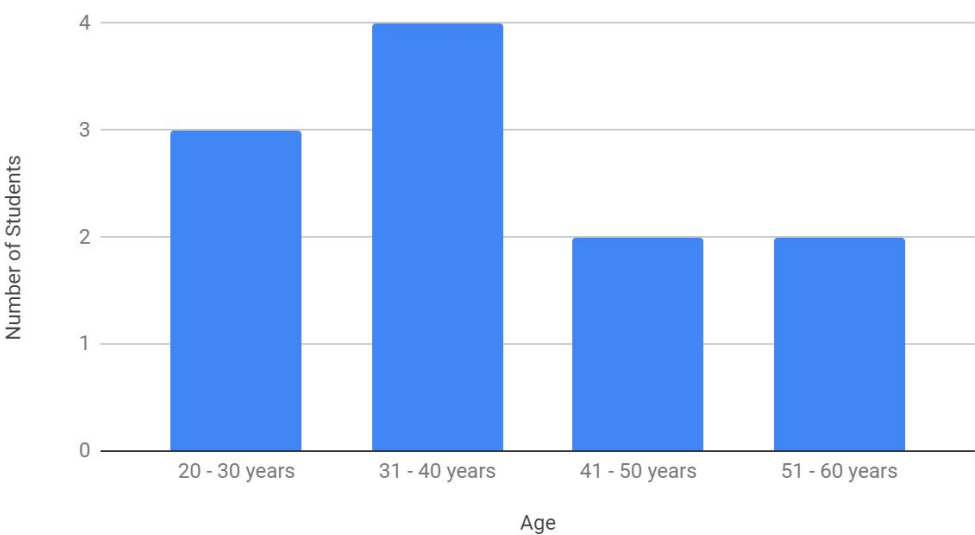
<sup>3</sup> Consulting arrangements are not included in the "Overall hourly average wage increase".

<sup>4</sup> Overall hourly average wage increase is based on two graduates who received wage increases within the first 30 days.

# Student Demographics

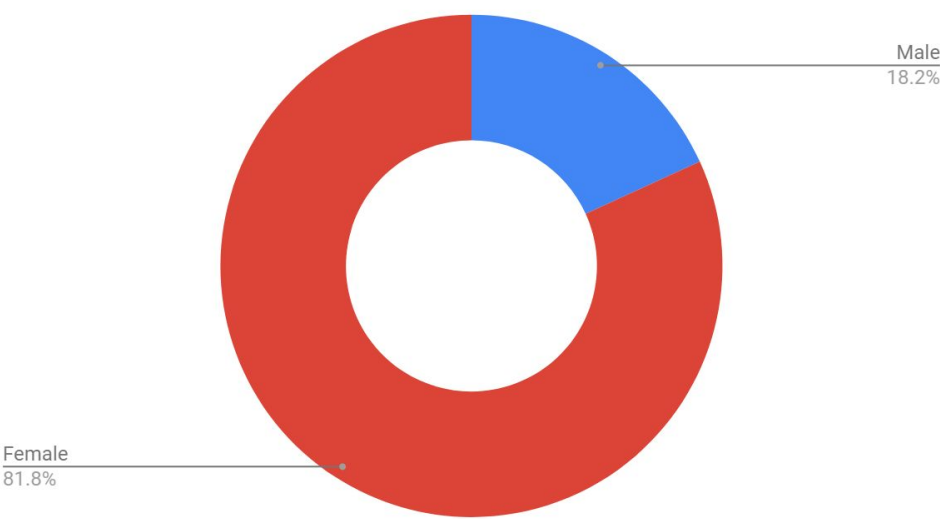
## Age

Careers in Code - Age Distribution



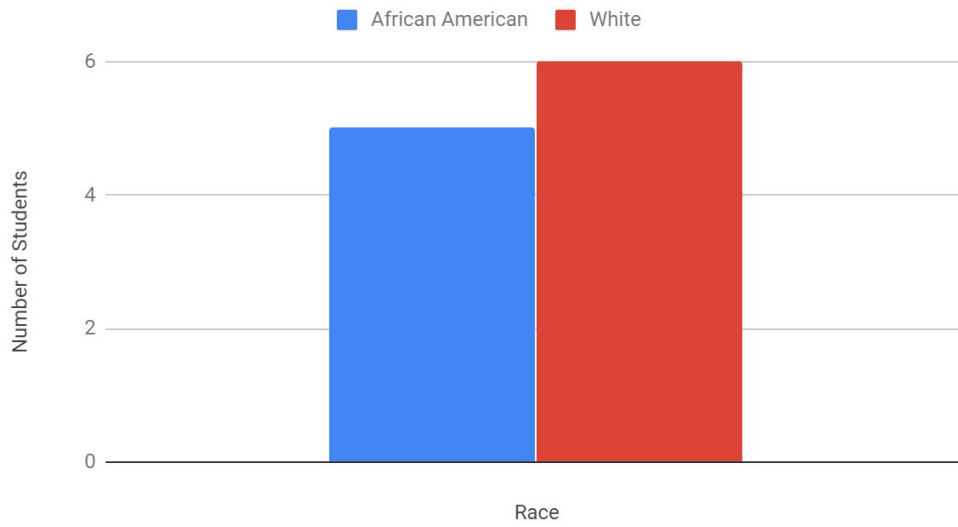
## Gender

Careers in Code - Gender Distribution



# Race

Careers in Code - Race Distribution



# Appendix

## Reporting Schedule

	Shorthand Date	Days after 8/22/2019
<b>Date to Issue Survey to Students</b>		
Monday, September 23, 2019	9/23/2019	32
Monday, October 21, 2019	10/21/2019	60
Monday, November 25, 2019	11/25/2019	95
Monday, December 23, 2019	12/23/2019	123
Monday, January 20, 2020	1/20/2020	151
Monday, February 17, 2020	2/17/2020	179
<b>Projected Review and Publish Date</b>		
Friday, September 27, 2019	9/27/2019	36
Friday, October 25, 2019	10/25/2019	65
Friday, November 29, 2019	11/29/2019	99
Friday, December 27, 2019	12/27/2019	127
Friday, January 24, 2020	1/24/2020	155
Friday, February 21, 2020	2/21/2020	183
<b>Actual Review and Publish Date</b>		
Thursday, October 10, 2019	10/10/2019	49

## Thank You

Thank you for taking the time to read our student outcomes report. If you have feedback, questions, or are interested in learning more about Careers in Code, reach out to us at [team@hackupstate.com](mailto:team@hackupstate.com).



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