

SC // CODES Greenville

Learn programming.
Build the [future];

Our Presenters

Pamela Wood Browne, Consultant

Women Who Code Greenville Director. Code for Greenville Co-Organizer.

Nathaniel Lord, Digital Literacy Coordinator

Greenville County Library System

Brian Morrison, Library Director

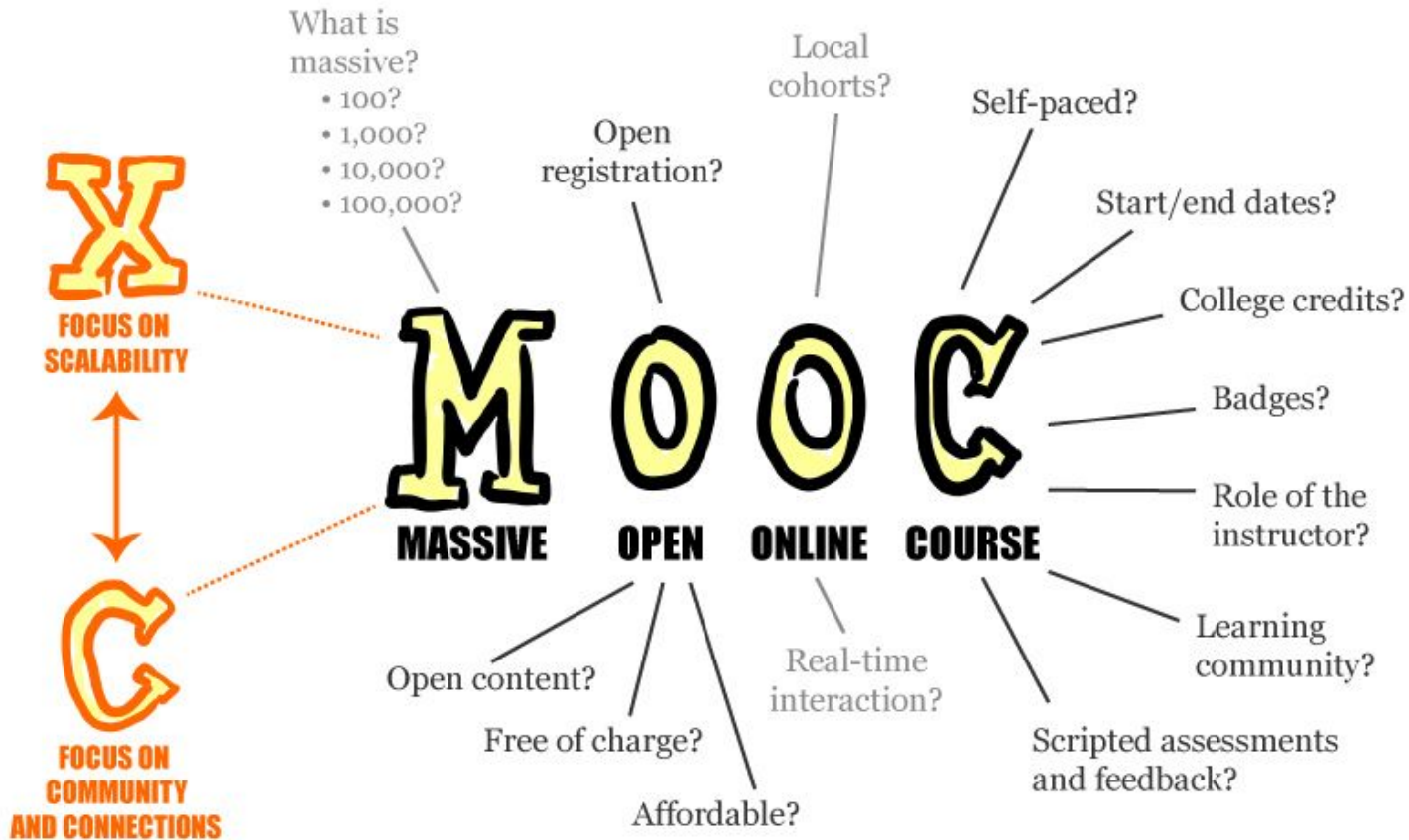
Pickens County Library System

What we'll cover today

- What is SC Codes? Why and how was it started?
- How did it work, and what did it accomplish?
- What did we learn, and how can SC Codes inform other technology training programs?

What is SC Codes?

- 12-week, part-time coding education program
- Online learning + weekly, in-person meetings + mentorship support + civic tech project
- Library + community partners + volunteer mentors





treehouse™



LOUISVILLE FREE PUBLIC

LIBRARY

<code **LOUISVILLE**>

Why SC Codes in Greenville?

- **Train and mentor individuals as software developers** through a curated experience to grow the technology sector in Upstate South Carolina.
- SC Codes gives **an opportunity to individuals who cannot access other services** due to various barriers, including financial and time limitations.

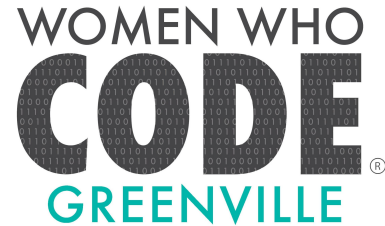
SC // CODES

Greenville

PARTNERS



Code for Greenville



Planning Team

- Jay Blankenship, SC Department of Commerce
- Eva Anagnostis, SC Works Greenville
- Pamela Wood Browne, Women Who Code Greenville
- Brian Morrison, Greenville County Library System
- Alan Johnson, Software Engineer / Co-Founder of Treehouse

Mentor Quote

“The SC Codes program has had a profound effect on Greenville. We're fortunate to have this opportunity to enrich our community.”

~ Alex Martin

Who could participate?

- Adults 18+ years old
- High school diploma or GED required
- Greenville County Library System card required
- Enrollment limited to 30 students
- Completion of selected curriculum required to enroll

Mentor and students in weekly student meeting



How does it work?

- Participation in SC Codes Greenville was FREE
- Part-time hybrid format
- 2-hour weekly group meeting required
- Open lab format supported by mentors
- Online curriculum and Slack community
- Time commitment about 10-15 hours/week total

Online Curriculum - freeCodeCamp

- Free, Open Source
- freeCodeCamp offered 4 certifications
- Pilot used Front End Development Certificate
- New version with 6 certifications is now available
- More info: about.freecodecamp.org

freeCodeCamp (🔥)



Software developer panel hosted at NEXT on Main



Student kickoff event featuring a live stream with freeCodeCamp founder, Quincy Larson

Key Elements

- Reach a more diverse population
- Support student success
- Connect with tech community
- Volunteer recruitment - Mentors
- Community management
- Civic tech projects

In our first year

- 152 student applications
- 84 students enrolled
- 18 volunteer mentors
- 37 graduates
- 9 achieved freeCodeCamp Front End Development Certificate
- Check out our graduates:
greenvillecodes.org/sc-codes-pilot-graduates/



Mentors

Reaching a more diverse group

- Our focus on diversity was implemented in our outreach
 - Primary marketing through Greenville County Library System
 - Information sessions at local branches
 - Partnering with community organizations
- Out of 84 students total:
 - 56% were women
 - 29% were minorities
- Much more we can do with partner organizations to bridge the gap!

Civic Tech Projects

- **Code for Greenville** - the first Code for America brigade in SC
Educate the community about power of Open Data, build open source applications to use open data to solve community issues, and cultivate a culture of entrepreneurship around civic technology.
- SC Codes students contributed map layers to Open Data project
- More info: codeforgreenville.org

Fall 2016 Graduates





Growing Community

SC Codes Greenville partnered with OpenUpstate to organize the first OpenSC Hackathon.

Offered two tracks for participants:

- First Pull Request
- OpenData

Students, mentors,
open source
community
members and
Greenville Technical
College came
together at the 2nd
OpenSC Hackathon.



Graduate Quote

“SC Codes helped my find the confidence to try new things and stretch my ability to create useful and interesting projects. **The skills I've learned through SC Codes have already been tremendously helpful in my current career,** and I'm excited about how I'll continue to use them in the future.” ~ Leo N.



Spring 2017 Graduates

The Beaufort CODES Team



TECHNICAL COLLEGE
OF THE LOWCOUNTRY

Second Pilot Year

- 117 student applications
- 64 students enrolled
- 14 volunteer mentors
- 26 graduates
- 8 freeCodeCamp Certificates
- Recognized by freeCodeCamp in 2018 Top Contributors

- AMA Live Chats
- PHP Track Pilot



Graduate Quote

“SC Codes was an excellent opportunity to grasp a better understanding of web development, learn new skills that could be applied right away, and **build numerous projects that enhanced my portfolio**. The **mentors were patient, helpful, and genuinely cared about our success**. The knowledge and experience I gained from SC Codes **helped me land a great job as a jr. front end developer** shortly after completing the program. And best of all, it's free!” ~ J.S.

Graduate Quote

“The SC Codes **experience is worth every bit of time and effort everyone has put into making this happen.”**

The amount of knowledge and helpful understanding you don't get in a school setting. I would do it all over again!”

~ S.S.

Takeaways and Considerations for Future Library Programs

Continuing to foster relations and partnerships with local organizations and experts to develop and deliver dynamic programming.



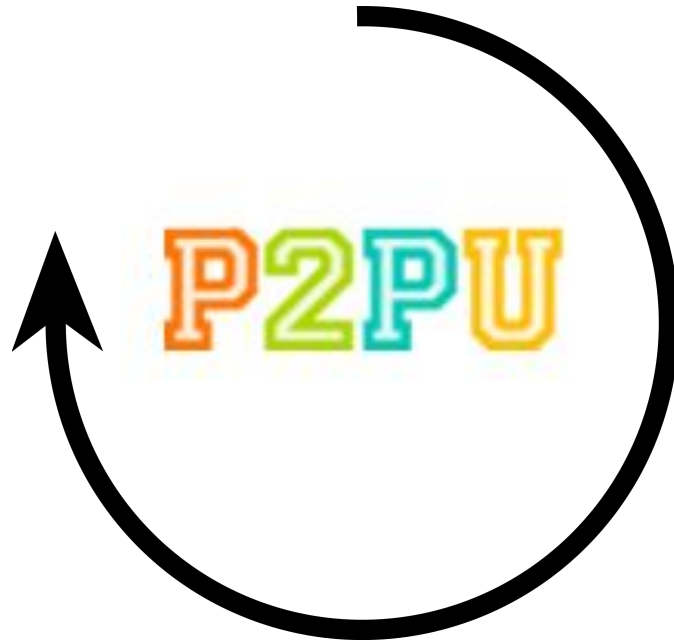
Code for Greenville



Evaluating and making use of existing curriculums to teach more advanced digital skills



Using the model of learning circles as a delivery system for larger and longer term learning opportunities



Contact Us

Pamela Wood Browne, Consultant

Women Who Code Greenville Director. Code for Greenville Co-Organizer.

pamela@codeforgreenville.org

Nathaniel Lord, Digital Literacy Coordinator

Greenville County Library System

nlord@greenvillelibrary.org

Brian Morrison, Library Director

Pickens County Library System

brianm@pickens.lib.sc.us