



HACK
UP STATE

CAREERS IN CODE

SYRACUSE
SURGE



CENTERSTATE
CORPORATION FOR
ECONOMIC OPPORTUNITY



Cohort 3 Kickoff (Spring, 2022)
Thursday, March 24, 2022
careersincode.org

Note: we are **broadcasting live on**
YouTube and recording this Zoom call.

youtube.com/user/hackupstate/live

COVID-19 operating protocol.

- Vaccinated and unvaccinated attendees are **required to wear a face covering** at all times at indoor events except for when seated and eating or speaking at the podium.
- We have **masks and hand sanitizer available**.
- Please practice **six feet of social distancing**.
- Please **sign in** at the front table with your name, email, and phone number for contact tracing.

code of conduct.

All hackers abide by the Hack Upstate Code of Conduct to maintain an **open**, **friendly** and **inclusive** community, in which Upstate New York's tech community can adeptly **connect**, **communicate** and **collaborate**.

hackupstate.com/conduct

- In short, be cool, have empathy and **do the right thing**.
- Treat everyone with **respect** and **kindness**.
- Be **thoughtful** in how you communicate.
- Don't be destructive or inflammatory.
- If you feel uncomfortable or unsafe email team@hackupstate.com.

Careers in Code.

- We provide students fighting poverty with the technical skills they need to **obtain internships and entry level software development jobs** with local and remote employers after 24 weeks of instruction.
- We help grow the **regional software engineering talent pool**.

schedule.

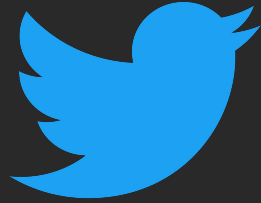
Kickoff and Introductions

5:30 - 6:30 PM

Student Orientation

6:30 - 7:00 PM

connect.



@hackupstate

#CareersInCode

Tweet at us, we'll retweet you!

team.

Jesse Peplinski

Partner

jesse@hackupstate.com



Doug Crescenzi

Partner

doug@hackupstate.com



Max Matthews

Dean of Students

Lead Instructor

maxm@hackupstate.com



Max Gerlach

Program Manager

maxg@hackupstate.com



Jason Scharf

Student Success Rep.

jason@hackupstate.com



Laura Thorne

Career Coach

laura@hackupstate.com



introductions.

Tell us about yourself! Please try to keep it around 1 minute.

- **Students.** Your background, goals for the program, etc
- **Instructors and teaching assistants.** Your background, current position & company, modules you'll be supporting, etc
- **Partners and employers.** Your company, your mission, potential internship and entry-level positions that might be available upon graduation, etc

students.

- Danielle Floyd
- Markell Osborne
- Tiffany Williams
- Wayne Boyd
- Christi Harlow
- Larry Goodman
- Stephanie Nunez
- Zachary Hafner
- Chaz Dickerson
- Shantina Perez
- Scotya Bain
- Corey Mitchell
- Strange Maeweather
- Nicole Broadnax
- Doug Roussin

instructors and subject matter experts.



Max Matthews



Ryan Gaus



Nathan Evans

teaching assistants.



Karin Thorne



Kaitlyn Warboy



Ariel Murphy



La'Tonia Sheppard
Walker



Mel Saffold

partners.

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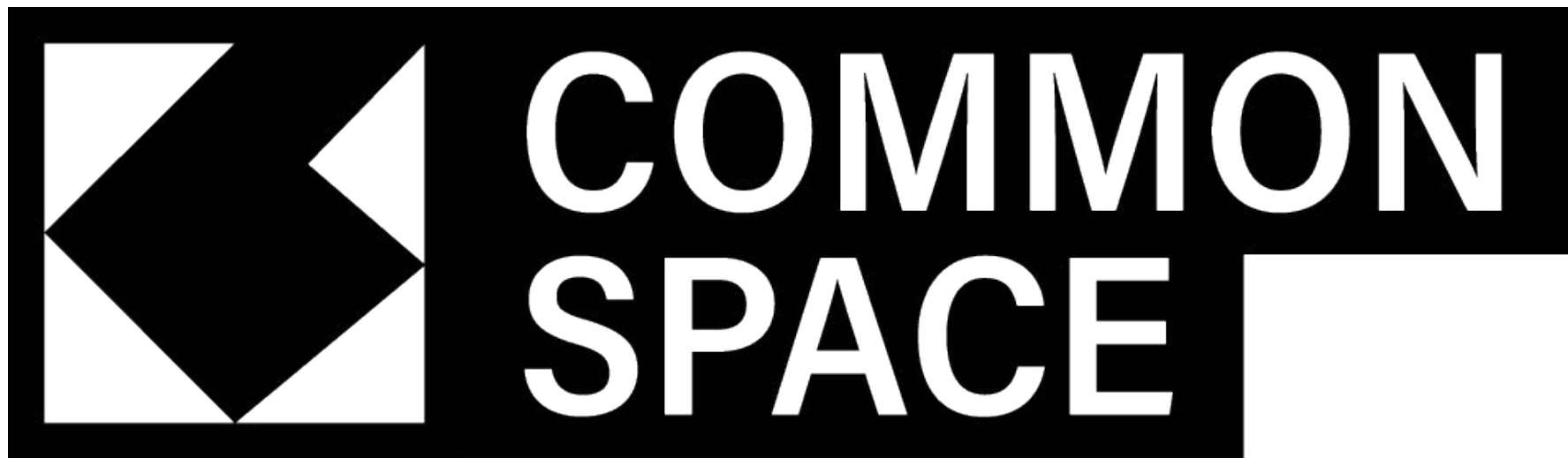
centerstateceo.com

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Amanda Miles
lemoyne.edu



commonsplace.com

employers.



John Mcdonald

tcgplayer.com



SIDEARM

A L E A R F I E L D C O M P A N Y

SPORTS

Dana McMullen

sidearmsports.com



Ryan Gaus
density.io

Did I miss anyone?

Get involved!

- We're always looking for [instructors & teaching assistants](#), [partners & employers](#), and [guest speakers](#).
- Drop us a note @ jesse@hackupstate.com if you'd like to get involved or visit our website at careersincode.org!
- Stay connected in our slack. Go to hackupstate.com → Click on “Slack” in the navbar
- We'll be organizing an additional cohort of Careers in Code in Fall, 2022.

Another HUGE thank you.

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Thanks for coming!

Students - meet back here in 5 minutes for orientation.

Student orientation.

agenda.

- When/where
- Student acceptance agreement
- Laptops
- Tech stack rundown
 - Zoom, Slack, Discord, Google Drive, Canvas, Developer Tools
- Curriculum overview
- Capstone & class project
- Prep work / homework
- Questions

When / Where

- In-person Classes
 - In-person classes will take place during odd numbered weeks (1, 3, 5, 7...).
 - Classes will be held in a conference room at Commonsplace located at 351 S Warren St, Syracuse, NY 13202. Please enter the building from Warren St entrance (the side one with Pavones and Subway).
 - The venue doors are locked. You can access the door via a door code, or someone will let you in. We also have the ability to unlock the doors remotely.
- Virtual classes
 - Virtual classes will take place during even numbered weeks (2, 4, 6, 8...).
 - All classes will take place virtually via zoom from **5:30pm-8:30pm**
- Virtual classes will be held on the same zoom link which will be sent to you before classes start.

**student acceptance
agreement.**

Student acceptance agreement

- For homework, you must read, sign, and return the student acceptance agreement.
- **At the end of this presentation, please check your email to make sure you received it!**
- This document covers the following
 - Code of conduct and privacy policy
 - Data provision
 - Upon acceptance
 - Laptop agreement (terms of the laptop loan)
 - During the program
 - Expectations and responsibilities
 - Upon graduation
 - CNY sustainability agreement
 - Disclosure of information to a third party

laptops.

laptops - usage policy.

- We are fortunate to be able to offer all of our students **loaner MacBook laptops** (“the laptop”) as a part of the program. Students will utilize this laptop over the 24 week program, and mail it back to us upon completion of the program.
- In short, you should **treat this laptop like you would a work laptop.**
- As a student, you agree to use this laptop:
 - For purposes related to the Careers in Code program and use as directed by approved Careers in Code instructors, mentors, and teaching assistants;
 - In a way that will help you to do your best throughout the program;
 - In a way that preserves the physical integrity of the laptop, by avoiding the following behavior:
 - Do not lose the laptop;
 - Do not sell or attempt to sell the laptop;
 - Do not intentionally damage the laptop;
 - Do not trade laptops with another student;
 - In a way that is aligned with the views and beliefs of Hack Upstate LLC and Careers in Code. Ultimately, it is your choice to decide how you use the laptop, but the program will not pay for any damages incurred by the student.

Laptops - exit / unenrollment.

- Failure to abide by these conditions may result in the laptop needing to be paid back in full by the student.
- If for any reason, you are forced to exit or unenroll from the program, the laptop must be forfeited back to the organization, in its original condition.
- Upon graduation or exit of the program, if you do not return the laptop in its original condition within 30 days of completion or unenrollment, we will issue you an invoice of the original price of the loaner laptop which you will be responsible for paying in full.
- The original price of the laptop is \$999.

Laptops - tracking software.

- We have installed software that will, if necessary, allow us to monitor the location of the laptop. Remote functions we have with this include software:
 - Tracking of the machine
 - Lock the device so that the user can no longer access it
 - Wipe the device of all data and restore to factory settings
- Note that we cannot view what you are doing on your machine and no personal information is collected by us using the tracking software described above.
- You can view the full privacy policy of our [laptop tracking software here.](#)

student support /
getting help.

student support.

- Student Stipends
 - Each student receives up to \$1400 to use throughout the 24 week program. The stipend should be used for things that help to eliminate any problems or challenges you might be facing during the program and additional or unforeseeable costs you face during the program that may impact your ability to complete the program.
 - [You can learn more about the stipend can be used for here and the process to submit expenses to us.](#)
- Student Success Representative
 - Jason will help you to navigate problems, barriers, and challenges you face over the 24 week program
- Career Coach
 - Laura will help to prepare you all to navigate your job search with confidence and competence.
- Office Hours and 1-1 times
 - Each week, instructors will coordinate on office hours with students.
 - You can also go to our [instructors page](#) on our website and setup time there.

tech stack.



- **Text-based** communication
- Hack Upstate is one of many Slack communities to become involved in
- Connect with 750+ technologists in CNY
- Find it on our website in the navbar
 - <https://hackupstate.com/home> and click on the link that says “Slack”
- After you create your account, please email maxm@hackupstate.com with your slack username and we'll get you added to the #cic-students-c3 channel
- Feel free to poke around and join other channels as you'd like

LMS

- The central repository for all class materials will be in our LMS (learning management system) Canvas
- You should have received an invite in your email to join the class. If you haven't, please reach out to Max M.
- You'll be turning in assignments here, finding shared resources, find grading info, etc. This will be the hub of all your classroom resources outside of Zoom & Slack.

Developer & Collaboration Tools

- Programs that allow developers to create, test and debug software
- You should have the following applications installed on your computer for day 1 of class. If you run into problems, please reach out to Max M.
 - VS Code (not Visual Studio)
 - Slack (w/ account created)
 - Zoom (w/ account created)

curriculum overview.

Curriculum Overview

- The Development Big Picture
- Project Reqs and Design
- Intro to HTML & CSS
- Responsive HTML & Dev Tools
- Project Week (HTML, Portfolio, Capstone, & Class Project)
- Intro to DevOps
- JS Part 1
- JS Part 2
- Vanilla JS Web Apps
- APIs
- Project Week (Vanilla JS)
- React Part 1
- React Part 2
- React Part 3/Project Week (React)
- DB Design
- DB SQL
- Intro to Node
- Full Stack Part 1
- Full Stack Part 2
- Project Week (Full Stack)
- DevOps Part 2
- Class Project
- Add On Module
- Capstone

capstone project.

The Capstone Project.

- Over the duration of the program, **students will create an individual capstone project on something they are passionate about.** The project will be a full-stack (front-end, back-end, database) application that will be built throughout the 24 weeks of the program. Students will write a series of technical blog posts about their project, talk about problems they are solving, and discuss with instructors and their classmates about what they are building.
- When choosing your project idea, **pick something that is exciting to you** and that you have a passion for.
 - Think of a problem that might exist today. It can be one you face on a daily basis, here in our community, or a world-wide issue. You should set realistic expectations so that you can accomplish it within 24 weeks. What can you build?
- Our instructors, teaching assistants, and community will **assist you throughout the process.**
- All students will **present their capstone projects on graduation day** at the end of the program.
- We will NOT start planning for your capstone until the class is underway, so just start brainstorming ideas.

class etiquette.

virtual etiquette (and in person too).

- Be present via Video and Audio
- Wear clothes
- Be aware of your background
- **Sit at a table or desk.** Your virtual meeting is the same as attending class.
- **Utilize the mute button.** Remember to unmute yourself when it is your turn to speak. Don't multitask. Don't be afraid to unmute and ask questions.
- **Use the chat.** Zoom includes a chat option while in a virtual meeting. This is a great place to ask questions or for clarification without disrupting the meeting.
- **Be careful not to interrupt.** Zoom has to choose between competing audio's, so when you interrupt or speak at the same time as someone else, there's a good chance that participants will only hear part of what both people are saying.
- **Embrace silence.** Silent pauses can provide the needed room for everyone to contribute without the tech issues that come with interrupting.

prep work / homework.

Prep Work for Next Class

1. **Get familiar with your laptop.** Your laptop will be the most used item during class. You must be comfortable interacting with it (navigating, typing, finding apps, locating drive spaces and files, etc.). Getting comfortable using a mac will be most important.
2. **Prepare to take notes.** Most classes will be hands on, so you won't need an external method of note taking. However, feel free to type, write, or record your notes.
3. **Review this slide deck** and come to class with any questions you may have.
4. Start slotting time into your schedule for:
 - Class
 - Homework
 - Class Review

CiC Roles

- Jesse (HU Partner)
- Max M (Lead Instructor & Dean of Students)
- Max G (Program Manager)
- Laura (Career Coach)
- Jason (Student Success Rep)
- Instructors & SME (Subject Matter Experts)
- TAs
- Alumni
- Guest speakers
- HU Partners (CCEO, LeMoyne, Erie21, Local Career Connections)

This program will give you the tools to be successful.

**It's up to you to apply them through your capstone project,
assignments, homework, and other projects.**

Any questions?

This is a ton of material to absorb! Is there anything we can clarify?