Careers in Code Instructor

Paid | Syracuse, NY | Part time (16-20 hours / week)

About Hack Upstate

Hack Upstate's mission is to advance Central and Upstate NY's technology community through events and education. In pursuit, we organize hackathons, operate a coding bootcamp, offer web and mobile development classes, facilitate talks and lectures, and help align regional tech talent with promising employment opportunities. We've built a growing network comprised of thousands of Upstate NY technologists and have helped play a role in facilitating dozens of job placements with local employers.

Since 2013, we've successfully organized:
- 14 biannual hackathons
- 5 app challenges in partnership with AT&T
- AT&T's Youth Code Project
- Hack Mohawk Valley, Utica's first community hackathon
- Careers in Code, a free coding bootcamp for women & minorities to help fight poverty in CNY

About the Role

We're looking for first-rate instructors to help empower a new cohort of developers from underrepresented CNY communities by helping to teach the relevant skills they'll need to ultimately land internship / entry-level positions and be successful in their first position as a software developer. Our instructors are willing to do whatever it takes to help support our students. This includes (but not limited to): creating prep work, lesson plans, projects, assignments, code challenges, homework, etc. You'll also hold group and individual sessions (i.e. office hours) for our students to help assist them with questions they have during class..

Job Type & When You'll Work
Classes will take place 5:30pm - 8:30pm virtually. Ideally, you'll be based in or around Central New York. The average time dedication is 16-20 hours for a given week you'll be teaching, that consists of the following: 12 hours of in-person class-time, 4-6 hours of prep work, and 1-2 hours of project review, grading, and office hours.

To Inquire Further, Contact

Jesse Peplinski -- jesse@hackupstate.com

You may need to put in hours occasionally on the weekends and after normal work hours given that our class is 5:30pm - 8:30pm and many of our students have full-time jobs during normal working hours (9am-5pm).

Feedback

We're constantly looking to improve our program and the feedback from our community has been integral to our success. You must be comfortable to suggest new ideas, questions, comments, or concerns that help improve the quality of the program and you understand that there are always opportunities for improvement. We're always open to experimentation.Note that one of our requirements of the program is that students must reside in Central / Upstate NY upon graduation.

Duties and Responsibilities

Before Class

- Developed the curriculum in the following ways:
- Ensured my content covers the key objectives listed in the syllabus
- Created relevant prep work (i.e. content you've created yourself, readings, blog posts, videos, code challenges, etc) for students to complete to come to class with relevant questions, discussion, and insight.
- Created lesson plans, projects, assignments, code challenges, and exercises and will strive for the first half of class to be lecture styled, flipped classroom, and the second half hands on collaborative coding
- Added detailed comments to my code
- Uploaded my exercises to the classroom Github repository
- Uploaded my classroom content to Google Classroom (slides, outlines, docs, exercises, etc) and have shared it with the students.
- Shared my relevant content with the instructors in the #cic-instructors channel for feedback and review
- Communicated my lesson plans to the teaching assistant for the week and let them know how they can help support my instruction
- Setup Zoom and tested streaming and recording to YouTube
- Reviewed relevant survey results (attendance, daily/weekly student & instructor feedback)
- If I have an instructor before, me I've scheduled a handoff meeting with them.
- If there are changes to my content, I've communicated them to the instructors and students for their thoughts.

During Class

- attendance, engaging students, answering questions students have
- flipped classroom setting, learning by doing → an hour or so for lesson, then 2 hours of exercises / hands-on projects

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After Class
- Office Hours
- Review student debriefs - what they are doing well, things they are struggling with, and giving feedback and notes on students and their progress to help the transition from instructor to instructor, ensure enough attention is being put into the right places.

Apply if...

- You write really, really well, and enjoy opportunities to grow as a writer every day
- You take pride in your excellent verbal communication & are energized by interacting with people
- You're remarkably detail oriented; checklists are your friend
- You're strikingly patient and have strong time management and organizational skills
- You collaborate well, and can thrive virtually with a remote-first distributed team
- You can take complex ideas, break them down and relay them as concise pieces of digestible information
- You're excited about developer evangelism and hacker culture
- You love solving challenging problems
- You can capably and successfully maneuver about dynamic and complex social situations
- You know what it takes to build and grow a community
- You thrive when positioned to help people
- You appreciate and understand the value of listening
- You have empathetic sensibilities, value character, integrity and "doing the right thing"
- You have a profoundly rich appreciation for your time, and invest it in pursuits of which you care deeply

Extra Awesome if you...

- Have teaching experience as an instructor or teaching assistant
- Have a strong technical background in software development
- Have experience working with modern development tools
- Have experience using Slack, Google classroom, and the Google software suite
- Are willing to work with a small team in which you are constantly providing feedback to improve the program
- Have prior experience with coding bootcamps or similar programs
- Understand current employer needs in Central and Upstate New York

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