



## **BCAT seeks Creative Coding Instructor Part-Time - 20 hours/week**

The Buffalo Center for Arts and Technology Center (BCAT) Youth Arts Program is seeking a part-time Creative Coding Instructor to work with high school students in an after-school workshop setting. The successful candidate will have experience and enthusiasm for working with high school youth and a passion for their own practice, and the ability to teach creative practices in coding fundamentals. The Creative Coding Instructor will report directly to the Youth Arts Program Director and work closely with the Youth Instruction Coordinator.

Normal on-site teaching hours are from 3:30 – 6:30pm Monday and Wednesday through December 13, 2021.

### **Essential responsibilities:**

- Teach exciting and motivating classes of 8-16 students; maintain high expectations for youth
- Develop in partnership with the BCAT Instruction Coordinator, and implement a curriculum focusing on lesson plans that include definition of purpose (why are we teaching this), measurable goals (what will we accomplish), objectives/actions (how will we get there) and mechanisms for measuring progress (what data will we collect to ensure we are meeting goals)
- Collaborate with colleagues on the Youth Arts team and across the organization
- Be respectful and welcoming to all BCAT youth and their families
- Fully participate in teaching responsibilities at all times; maintain student attendance and progress data
- Adhere to BCAT policies and procedures; ensure youth adhere to policies and procedures
- Refer youth to receive additional counseling support as needed

### **The right candidate will have:**

- BA in a related discipline or 5+ years' experience, Master's degree welcome
- 1-3 years' experience teaching high school students preferred
- Flexible availability Monday through Friday, as needed
- Demonstrated strong commitment to the arts and to educational programming for high school-age students
- High level communication skills
- An artist with a practice that includes writing code in some capacity
- workable knowledge of Processing, p5js, or some equivalently flexible artist-focused library or toolset. This is fairly broad and specific to your practice, but might be:
  - approachable game-making tools like Pico-8, Bitsy, or Twine
  - generative audiovisual tools like Sonic Pi, Supercollider, or ORCA
  - hardware hacking with Arduino or Raspberry Pi
  - some other library or software that you feel could teach basic programming skills in the service of art-making.
- A project-focused, non-academic approach to programming. One that eschews optimization and "clean code" for hacked-together-ness, workability, and artistic (im)practicality
- A portfolio of generative, interactive, or otherwise programmatic artwork
- Experience developing and implementing art education for high school students in a hands-on workshop setting
- Trauma-informed training and/or willingness to secure training
- Proficiency in Microsoft Office
- Exceptional references

BCAT is a not-for-profit whose mission is to provide opportunities for careers through the arts and technology for youth and workforce development for adults. BCAT offers opportunities and resources for a diverse

population, supporting youth and adult learners in an equity-focused environment. Our learners are valued and respected for their authenticity. We capitalize on their strengths and prepare them for living healthy, creative, inspired, and productive lives in our community.

BCAT is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran, or disability status. BCAT seeks to recruit, develop and retain the most talented people from a diverse candidate pool.

The BCAT Youth Arts Program provides support to Buffalo Public and Charter high school students: creating strong pathways to postsecondary education and careers through a connection with arts and technology instruction; developing and maintaining positive personal agency in our youth; and supporting BCAT youths' social and emotional needs.

Interested candidates should forward a resume/CV and cover letter to [eisenhauer@bufcat.org](mailto:eisenhauer@bufcat.org). Applications will be accepted until the position is filled. Interviews will begin October 13, 2021.