

Nextech Catapult Instructor, Contract Position Summer 2022

We are hiring an instructor in the **Indianapolis area and the **Evansville** area.

Nextech Catapult is an immersive summer computer science bootcamp for 48 rising high school juniors and seniors who aspire for a career in technology. Taking place from June 13 - July 8, 2022 in the Indianapolis area and Evansville area (24 students in each location), participants will develop technical skills, create authentic peer relationships, improve workplace readiness, create plans for post-secondary success, and develop deep roots for a lifelong personal and professional connection to Indiana.

You would be the lead teacher in a classroom of 24 students and technical interns that have previously completed the Nextech Catapult program. You must be licensed to teach Computer Science in the state of Indiana. You would teach the predetermined HTML, CSS, and Javascript curriculum and will assist with the facilitation of post-secondary and career readiness curriculum during the program. The course aligns to Computer Science II and Computer Science III: Special Topics and focuses on the foundations of computer science, front-end web development, and computer science career exploration. The instructor will also lead the students in the creation of a website portfolio that includes projects from the curriculum, interwoven throughout the 4 weeks.

You will be the lead instructor for approximately 15 days across the experience. There will likely be a mix of virtual and in-person (mostly in-person) for the duration of the 4-week Catapult program (June 13-July 8, 2022, 9am-4pm). The contract will also include planning sessions and prep time.

Responsibilities

Computer Science Instruction

- Proficient in the following: HTML, CSS and JavaScript
- Understanding of the UX Design process, specifically regarding the creation of a website, or app
- Ability to troubleshoot student coding problems/blockers and to coach students or offer a solution to fix the problems/blockers
- Depth of knowledge required to answer student questions, both those that are relevant to the curriculum/activities, and those that stretch concepts or are outside of the curriculum
- Understanding of real life use cases and examples that will drive home the technical curriculum
- Ability to work with students with varying technology levels, both in coding comfort and coding skills
- Create, maintain and share resources to help further the technical instruction, to enhance, extend and/or supplement the technical instruction

Postsecondary and Career Readiness Instruction

- Basic knowledge of local universities and their computer science/IT degree programs
- Basic knowledge of local coding school computer science/IT programs
- Willingness to participate in and facilitate (when needed) career readiness workshops
- Understanding of the different roles found in computer science careers
- Ability to articulate viable paths to the different roles found in computer science careers

Student/Classroom Management

- Assist the Nextech Staff in maintaining a positive learning environment, including basic virtual and in-person classroom management and functions when necessary
 - This includes and is not limited to:
 - Discipline tasks
 - Student attendance
 - Management of virtual instance
 - Facilitate breakout rooms
 - Adherence to course curriculum flow
 - Provide feedback to students on a regular basis
 - Engage in reflection and evaluation activities to ensure student growth
 - Assist with run of show during in-person events
 - Other classroom management tasks as they become apparent

To Apply

This is a paid 4 week contracted position. If interested, email Jill Van Oostenburg at jill@nextech.org to schedule an interview.