Nextech Catapult Web Development Teaching Assistant

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 will be a TA in a classroom of 24 students in either Indianapolis or Evansville. You will be an extension of the Catapult instructional team and work in close collaboration with the instructor and Nextech staff. This role will aid in the delivery of the course material by answering questions, debugging student code, and individually tutoring students. The TA will serve as a mentor, assist students with portfolio creation, and coach students through individual and group activities and projects. This position is critical for creating a meaningful, relevant learning experience for the Catapult students.

You will be the TA for approximately 19 days across the experience. The program will be delivered in-person (we will pivot to a hybrid experience if necessary) for the duration of the 4-week Catapult program (June 13-July 8, 2022, 9am-4pm). The contract will also include 2 days of planning sessions in May.

TA Responsibilities

- Assist in the teaching and delivery of the web development course alongside instructor
- Test and debug student code
- Write new and enhance existing code exercises for students
- Tutor students who need additional assistance
- Facilitate and manage Zoom breakout room activities if necessary
- Be an extension of the Nextech team
- Respond to student inquiries, be the eyes and ears for Nextech within the classroom
- Assist students with the design and execution of their individual portfolio
- Be a strong role model and professional example to a group of high school students
- Assist in the coordination of events when students are outside of the classroom
- Perform administrative tasks like reporting daily attendance, serving lunch per state guidelines, and preparing class materials when needed
- Other duties, as assigned

Requirements

Experience and Educational Background Requirements

- 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
- Elementary coding experience in a different language

To Apply

This is a paid 4.5 week contracted position. If interested, email Jill Van Oostenburg at jill@nextech.org to schedule an interview.