CTE Teacher – Computer Science

Location: Pasadena, CA

Organization: Pasadena Educational Foundation

Start Date: Early July preferred. Instruction begins August 14.

About Our Program

The App Academy is a four-year computer science pathway at Pasadena High School. We teach high school students computer science and computer programming in JavaScript. Students enter App Academy in the 9th grade and begin by learning how to design and build their own websites using HTML and CSS, then move on to the fundamentals of programming in JavaScript. Over the course of their four years in App Academy, students learn how to create interactive websites, make 2D games, use external APIs to pull in real-world data, and build client-server web applications. Our courses emphasize creativity and algorithmic problem solving as well as programming skills.

About the Position

This is a full time teaching and curriculum development position. As an App Academy teacher, you will be responsible for:

- Teaching Computer Science courses at the 9th through 12th grade levels, primarily using the JavaScript programming language
- Working with students with diverse backgrounds and needs, including English language learners and students with disabilities
- Collaborating with the teaching team year-round to adapt and improve the App Academy curriculum

Minimum Qualifications

- Experience required to obtain CTE Teaching Credential:
  - Bachelor’s degree in Computer Science and 1000+ hours paid or unpaid work experience in programming/software engineering, OR
  - 3+ years paid or unpaid work experience in programming/software engineering
- Enthusiasm for teaching computer science to a diverse student population

Preferred Qualifications
• Experience with HTML, CSS, and JavaScript
• Prior experience teaching, tutoring, or mentoring K-12 students

How to Apply

Please send resume and cover letter to careers.pefstem@pasedfoundation.org