DESCRIPTION

Hello, and thank you for your interest in becoming the next Software Engineer Instructional Associate at Per Scholas. Below you will find a breakdown of the expectations during the interview process.

Candidates should be able to **provide effective support in the classroom and be eager to grow their own technical knowledge.** In particular, they should be able to:

- Assist the lead instructor both in- and out-of-class in the teaching and administration of the class.
- Display knowledge and/or interest in the following areas: Software Engineering

The full interview will be done on Zoom.

Duration

The interview is a total of 45 mins. 30 mins will cover technical questions as well as a review of relevant experience in the candidate 's resume. 15 mins will be allocated for candidate questions.

Technical Topics Covered

We will ask you questions on any of the listed items below. Please familiarize yourself with the list as questions will vary.

- Data Types in JavaScript
- String & Array Manipulation
- Functions and the Call Stack
- Scope
- Semantic HTML
- Basics of DOM Manipulation
- React, Express and the MERN Stack
- Component Driven Development
- SPA vs MPA
- State Management
- OOP: Classes and Objects
- Basic Unix Command Line & Git

What We Are Looking For

Technical Expertise

We will analyze the depth of your knowledge on various programming subjects. Various technical questions revolving around any of the topics provided above will be asked. Please familiarize yourself with these areas as we will expect you to explain some of your answers.

Experience

Why do you want to work at Per Scholas and how much do you know about the curriculum you will be supporting? 6 mon - 1 yr experience in coding, this includes training/bootcamp experience, freelance and/or as a hobbyist.

In-Class Tasks and Responsibilities:

- Monitor class as it is in progress - checking that overall functionality (audio, video, screen appearance, etc.) is working as needed
- Serve as class timekeeper, monitor breaks and other scheduling information

Who to contact for clarification or more info: Please reach out to Magnardo Tavarez, Mtavarez@perscholas.org

- Monitor learners during test-taking and break-out group activities
- Note challenges presented during class, including (but not limited to) students who:
    - Seem disengaged or uninvolved with class activities

Out-of-Class Tasks and Responsibilities:

Assist and/or collaborate with the instructor to:

- Grade and/or review assessments, class projects, and other materials
- Enter student grades into Canvas LMS and grading templates
- Update Salesforce data as necessary
- Review curriculum materials and assessments weekly and report to instructor and curriculum development team any proofreading or subject-matter errors
- Assist instructor with the preparation of daily agenda to learners
- Schedule time with instructor and students to discuss class challenges
- Monitor learner attendance, certifications' progress, etc.

Resources

Please access the IA Interview Resource Guide by clicking HERE.