



Seeking Instructor(s) for Full Stack JavaScript Immersion Class

About Portland Code School:

[Portland Code School](#) (PCS) offers hands-on web development training programs that teach the foundations and advanced skills needed to gain employment in the rapidly growing high-tech field. All PCS classes employ a broad spectrum of teaching methods: screencasts, online interactive training, instructor-led discussions and design workshops, and team-oriented project-based programming activities. PCS maintains an open classroom where students can congregate at any time of the day to work on projects, do homework, or interact with instructor/mentors. PCS instructors and students support and participate in local development community activities.

Portland Code School's Mission is threefold:

- To provide accessible, industry-adaptive education for a diverse population of students
- To collaborate with technology partners to identify essential skills
- To connect graduates to employment opportunities

Summary:

Portland Code School is seeking instructors to teach and/or co-teach our JavaScript Immersion course (20-40 hours a week, depending on whether we have 1 or 2 instructors). We are looking for experienced developers who have a passion to share what they know with others. Experience in teaching at the professional or college level is desired but not required. We will help you learn how to teach.

Essential Duties & Responsibilities:

- Deliver the Portland Code School curriculum (JavaScript Immersion, iOS etc.), a publicly available and viewable curriculum, to a maximum class size of 20 adult students
- Provide and lead a mix of short lectures and hands-on activities, designed to meet the needs of the students with diverse backgrounds and skill levels, therefore accommodating multiple learning styles
- Instruct with a heavy focus on pair programming, project-based learning, group work, unit-testing and code review
- Lead students through one or more projects from start to finish, culminating in a capstone project that is presented to a panel of local potential employers
- Coordinate with PCS to schedule occasional guest speakers, focused on industry expertise and job readiness skills
- Evaluate students' progress through multiple assessments throughout the course, and provide tools and assistance for success based on progress
- Provide an objective measurement of job readiness recommendation by the completion of the class

Programming Qualifications for Full Stack JavaScript courses:

- Expert knowledge of object-oriented JavaScript for both client and server applications
- Must be capable of writing web servers, web applications, etc. from scratch
- Proficiency in NodeJS, and at least one front-end framework such as Backbone, Angular, or React
- Extensive experience with at least one JS testing framework -- Jasmine, Mocha, TAPE, etc.
- Some experience with SQL and NoSQL database tools such as PostgreSQL and Hadoop

Teaching Qualifications:

- Some teaching of programming skills in a formal setting, college or corporate level preferred
- Passion for helping others learn in a team-oriented environment required
- Dynamic public speaking skills and team collaboration skills
- Ability to break down complex concepts into digestible bites for beginners
- Awareness of the relative difficulty of topics and ability to budget class activity proportionately

Application Procedure:

Send cover letter, resume and GitHub link to the team address:
info@portlandcodeschool.com

EQUAL OPPORTUNITY EMPLOYER: All qualified applicants will receive consideration for employment without regard to protected veteran status, disability or any other protected status.

www.portlandcodeschool.com