

foundry10

STEM Mentor (Contractor, Seattle)

Foundry10 is looking for an enthusiastic mentor to share their STEM knowledge with passionate high school students. This role will primarily require you to help passionate students navigate their projects. You will be responsible for helping these students build upon their passion and open their ideas to other resources, networks, and ways of thinking about their projects and problems that are within the STEM field.

Student projects change quarterly. Previous relevant projects include: a 3D printed prosthetic hand, hexacopter drone, underwater ROV, electric scooter, robots, and an RC fixed wing plane.

This contract position will be for approximately 2~8 hours per week with flexibility on specific days and times between 10am-7pm, Tuesday and Thursday, pending student projects. The rate for mentoring is \$35/hour.

Foundry10 is a philanthropic research organization based in Seattle that is dedicated to studying learning and putting theory to action. For the past 4 years, we have been designing and running research studies and programs in partnership with schools and community organizations around the world.

Responsibilities:

- Mentor high school students on STEM-focused projects
- Liaison between high school interns, foundry10 staff, and industry experts
- Seek out, maintain, and build relationships with STEM-industry professionals

Must have:

- STEM education and/or industry experience
- Experience teaching, tutoring, and/or mentoring
- Experience working with educational technology
- Excellent verbal and written communication skills
- Basic knowledge of hand tools and power tools usage and safety (e.g. drills, soldering irons, saws, etc.)

Nice to have:

- CAD modeling and 3D printer experience
- Arduino, Raspberry Pi, or similar microcontroller experience
- Composite and/or body work experience
- Machining, wood shop, and manufacturing experience
- Experience bringing products to market

If you would like to apply to this job, please send your resume, or include the URL to your LinkedIn profile, and a cover letter to jobs@foundry10.org.

www.foundry10.org
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