



Position Title: Software Engineer Intern

Location: San Mateo, California (company is headquartered in Portland, Oregon, but most of the staff works out of San Mateo, California)

Company Description:

Madorra is a medical device company developing an exciting new product in women’s health. Join our team of experienced engineers and take on this unique opportunity to create a new paradigm and treat an essential quality of life problem for millions of women.

Madorra is venture-backed and fast-paced. We have an exceptional team with a clear focus on the product being developed.

Responsibilities:

- Learn about Madorra’s database of device log data from recent clinical trial (no patient data is recorded in the device log)
- Work with current Madorra employees to understand the “manual” data analysis on protocol compliance being carried out on the data
- Work with current Madorra employees to develop a way to “automate” the manual analysis
- Add to or edit database so that it is capable of performing the analysis
- Update database interface to allow queries to enact the new analysis
- Document the additions and train Madorra team (there are 6 people in the company)

Education and Experience:

- Work toward a BS in Software Engineering discipline or equivalent experience
- Collaborative teamwork in school, industry, or both
- Understanding of the following languages:
 - PHP
 - Mysql
 - CSS
 - HTML
 - Javascript

Additional information:

Company Address: 1033 S. Claremont St., San Mateo, CA 94402

Company website: www.madorra.com

Madorra is a woman-led medical device start-up for women's health. We are currently developing our first product, intended to be a non-hormonal, non-invasive, pharmaceutical-free device for treating post-menopausal women with vaginal dryness due to vulvovaginal atrophy. Breast cancer survivors, most of whom are required to take hormone suppressants, often develop this disease which can make every day actions, such as simply sitting, painful. Our team of 6 is preparing for our FDA Pivotal Clinical Trial of the device.

Dates: 6/28 – 9/3/21 (10 weeks)

15 – 20 hours a week, virtual but may go hybrid if all are vaccinated

We are a small company of 6 people and pride ourselves on providing meaningful, guided internships allowing the participants to experience as much of what it's like to work at a medical device company as we can in the time allotted. We hope that you will be able to bring your engineering problem-solving skills to bear, adding value to the company, and simultaneously learn if medical devices and/or start-ups are of interest to you when you launch your career.

Internships funded by Science Learning Institute, Foothill College