

Software Engineering Intern

Position Summary

[Sage Bionetworks](#) is a medical research organization with a mission to support the creation of advanced predictive models of disease through the analysis of large-scale clinical genomics data. The technology team at Sage is building an informatics platform called [Synapse](#) to support open data-driven collaborative research, and serve as a public resource for the scientific community.

We currently have an opening for a Software Engineering Intern to join the technology team responsible for the design, creation, testing, and deployment of the Synapse system. This is a unique opportunity to gain hands on software development experience while working on a project that has the potential to make significant advances in the area of human health. As part of the Sage technology team you will:

- Own a software development project adding new features to the Synapse system in areas such as cloud computing, scientific / statistical analysis, data visualization, or social networking
- Collaborate with a senior engineer mentor in a collaborative environment including team software design and technology review meetings
- Develop experience writing code for and working on a cloud computing platform
- Learn practical professional engineering skills working on a team that utilizes agile development methods
- Work on a small team (~7 people) and gain exposure to the complete software development lifecycle; we deploy new code for our scientist users several times a month
- Write open-source code; your resume can link to your code written during your internship!

Requirements

- Enrollment in an accredited degree program working towards a degree in computer science or a related discipline with at least one term to finish after the completion of the internship
- Ability to commit to a 6 month, full time position
- Experience with
 - Variety of operating systems including Unix/Linux/Windows
 - A variety of programming languages (Java, Python. etc.)
 - Web design languages (Javascript, Html, CSS)
 - Databases (MySQL, etc.)
- Some familiarity with software development tools (Eclipse, Maven, Jira Studio, etc.)
- Strong verbal, written, and organizational skills
- Self-starter with the ability to multitask and drive projects to completion

Sage Bionetworks offers an hourly salary for this position, rate dependent on experience. To apply, please forward your CV and cover letter to: sw.jobs@sagebase.org.