



Software Engineering Intern

An internship on the BitSight engineering team is a great way to learn about software development in a fast paced, dynamic startup environment.

Our team is working on multiple strategic efforts, all of them directly influencing our ability to grow as a company. A few examples are:

- Our core data processing engine processes tens of billions of records daily, combining data from over 150 unique data sources, on sensors deployed throughout the Internet. We are continually iterating on our data pipeline, in order to handle the ever-increasing volumes of data that it needs to process on a daily basis.
- We are nearing the completion of a transition of our microservices into a Kubernetes environment. As part of this effort, we have begun to leverage Kubernetes to enable a serverless architecture for certain applications.
- We are revamping our Web application to handle increased scale, both in data and number of users, due to our increasingly global user base.

We continue to introduce enhancements, significant new features and entirely new products, by finding innovative, new insights in the rich sea of data we ingest. We are looking for talented interns who are hungry to learn. We value people with the computer science fundamentals to use a variety of technologies & languages and pick up new ones when needed. After an introductory period where a mentor will introduce you to our technologies, standard development practices, and code base, you'll work on a small, cross-functional Agile team to design & ship features and evolve our infrastructure. You'll do this in development & production environments that uses technologies such as Python (Flask/Django), Java (Spring Boot), Hadoop/Spark, and Javascript/React.js, all running in the cloud and delivered as a SaaS application. You will be responsible for seeing your code all the way through to production, including design, task breakdown and estimation, writing automated tests for your code, and soliciting feedback from other developers via pull request.

Qualifications

- Knowledge of at least one modern language (Java/Python/Javascript). Your ability to pick up new concepts and ideas is more important than mastery of a specific language.
- Results driven. You don't want to just write code -- you want to ship it and have it used by customers.
- Ability to work independently yet collaboratively in a dynamic startup environment.

- Team-oriented. You are inspired & motivated by the energy & ideas of teammates.

Nice to have

- Familiarity with Git, Jira, Jenkins or Docker
- Public cloud platforms such as AWS
- Software development & delivery in a SaaS environment
- Microservices architectures and relevant technologies
- Cybersecurity or information security