



## R&D SOFTWARE ENGINEER – Live Traffic Analysis

### Challenges of this role

We are looking for software engineers to join a team working on traffic analysis and anomaly detection in our R&D department.

- Be creative: investigate and think out of the box to prevent us from fraud
- Create brand new tools to detect and monitor suspicious traffic
- Play with Scala in our first R&D team using streaming
- Work closely with all departments: you will have the chance to discover Criteo faster than anyone here!
- Provide security guidance and expertise on anomaly management

### Strong candidates qualifications

- **Scalability** – You like working with problems involving huge amounts of data with requirements for high throughput and millisecond response times.
- **Flexibility** - It's not really important what technology you've used before (Java, C++, C#, Scala, Python) – we're looking for people who can adapt very quickly and with an open mind. Our engineers will choose and use the best tool for the job.
- **Curiosity** - You love algorithms, new technology, languages that nobody knows, work on personal projects, are curious.
- **Passionate** - You are a problem solver, a fixer, and a creative technologist. We believe coding is a talent and a passion, not just a skill.
- **Team Oriented** - You need to be a great team worker and a great communicator.

## Bonus

- Experience at real Internet scale, using the Hadoop stack, Kafka, Storm, etc.
- Experience of Machine Learning (at scale)
- Good knowledge of advertising technology

## Criteo R&D Culture

- **Empowerment** – We believe in hiring the best engineers in the industry and then letting them get on with what they do best – designing, coding and releasing state of the art software.
- **Mobility** – In our Voyager program our engineers get to pick which team they want to work on for 2-4 weeks, boosting collaboration, networking and maybe even leading to switching teams.
- **Agility** - We work in a fast pace environment where we build and release stuff frequently to deliver value soon and adapt to changes quickly.
- **Variety** – We have many ways to get your code to production including our Hackathon, 10% projects, Voyager and more.
- **Multicultural** – We have engineers from all over the world for you to interact and exchange ideas with.

Our culture keeps evolving, and you will be expected to contribute actively with new ideas to complement and enhance the existing programs that include frictionless internal mobility, 10% time, mentoring, technical talks, hackathons, conferences, etc.

Are you up to the challenge?

Do you want to know more about life in the R&D?

Youtube: [R&D Criteo @ Europe](#)

Our blog: <http://www.criteolabs.com>

Twitter: [@CriteoEng](#)