
Software Engineer: Core Team

Team Description

The mission of the Core Team is to build robust, scalable, maintainable and well documented systems for ad serving, user profiling and audience analytics. Every day we serve billions of ads, process terabytes of data and provide valuable data and insights to our publishers. If building software that touches 500+ million people every month is interesting to you, you'll fit in well here.

Some of the custom software we've built to solve these problems include:

- A patented custom ad engine delivering thousands of ad impressions per second with billions of real time auctions daily.
- A real time bid engine designed to scale out to billions of bid requests daily
- Client side JavaScript that performs real-time textual analysis of web pages to extract semantically meaningful data and structures
- A web-scale key value store based on ideas from the Amazon Dynamo paper used to store 100s of millions of user profiles
- Unique user classification system using various technologies such as Solr and JavaScript for rich, real-time targeting of web site visitors
- Analytics systems capable of turning a trillion data points into real business insight

Job Description

Your job, should you accept it, is to build new systems, new features and extend the functionality of our existing systems. You will be expected to architect new systems from scratch, add incremental features on existing systems, fix bugs in other people's code and help manage production operations of the services you build. Sometimes you'll have to (or want to) do this work when you are not in the office, so working remote can't scare you off.

Most of our systems are written in Perl, Java, and C, but we have pieces of Python, Clojure and server-side JavaScript as well. Hopefully you have deep expertise in at least one of these; you'll definitely need to have a desire to quickly learn and work on systems written in all of the above.

You should also have worked with and/or designed service oriented architectures, advanced db schemas, big data processing, highly scalable and available web services and are well aware of the issues surrounding the software development lifecycle. We expect that your resume will itemize your 3+ years experience, mention your BS or MS in Computer Science and be Big Data Buzzword Compliant.

Bonus points for experience with some of the technologies we work with:

- Hadoop
- NodeJS
- MySql
- Solr/Lucene

- RabbitMQ
- MongoDB
- Thrift
- Amazon EC2
- Memcached
- MemcacheQ

Email resumes directly to: lgonzalez@rubiconproject.com

the rubicon project

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