Zachary Pitts
4220 SW 99th Ave
Beaverton, OR 97005
503-679-3002
zachary@zachary.org

OBJECTIVE
Obtain full time Software Engineering position with opportunities for advancement and learning

RELEVANT QUALIFICATIONS
- Detail oriented with strong analytical, organizational and problem solving abilities
- Excellent written and oral communication skills
- Self motivated

TECHNICAL SKILLS
- Programming: Scala, Java, Javascript, C, Python
- Databases: MySQL, MongoDB, Oracle, Postgres
- Web: HTML, CSS, AJAX, jQuery, Underscore, REST, JSON, XML
- Operating Systems: Debian or Red Hat Linux, Apple OS X, Windows 7
- Productivity: Intellij Idea, Eclipse, VI, Maven, SBT, Git, SVN

PROFESSIONAL EXPERIENCE

Software Engineer May 2012 – Current
Cisco Systems (ClearAccess acquired) 5400 Meadows Rd # 300, Lake Oswego, OR 97035
- Developed asynchronous device activation server software to interpret commands written in javascript via XML over TCP using the TR-069 protocol to remote devices, using Akka for inter-process message passing, MongoDB for storage, Spray-Can as asynchronous http server, Spray-Server for REST calls and Rhino for javascript continuations.

Software Engineer June 2010 – April 2012
ClearAccess, 501 SE Columbia Shores Boulevard, Suite 500, Vancouver, WA 98661
- Gained experience as a Software Engineer on a small Agile team, working directly with Server Operations and Sales to quickly solve customer needs.
- Lead developer on a project to create stand alone JVM server software that collects UDP sFlow packets, stores data from the packets in a Round-Robin-Database backed by MongoDB, and data representation using Highcharts, which led to a provisional patent application.
- Collaborated with the team to create and deploy an in house Javascript MVC platform that also uses Apache Wicket for a customer facing web portal.
- Maintained existing Java and Scala server side code base, that includes enterprise libraries Hibernate, Solr/Lucene, Spring, ActiveMQ, Akka, Apache Felix and Quartz Scheduler.

EDUCATION
B.A. in Philosophy, with minor in Mathematics, UC Santa Cruz
B.S. in Computer Science from Portland State University in 2010 with Major GPA of 3.97:
- Coursework included Advanced Java Programming, Algorithms and Complexity, Parallel Programming, Functional Programming, Languages and Compiler Design I&II, Databases, Operating Systems, Computational Structures and Automata Theory

INTERESTS
Mathematical programming: Over 100 problems completed at ProjectEuler.net