Gyanasekaran Radhakrishnan

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OBJECTIVE

To obtain an full-time position as a software engineer that utilizes and hones my analytical and technical skills.

EDUCATION

MS, Computer Science
Clemson University, Clemson, SC expected May 2014.
Bachelor of Engineering, Computer Science and Engineering
Anna University, India June 2007

COMPUTER SKILLS

Languages, Platforms & Software: Java, Python, C, C++, Android, J2EE, Apache Hadoop, Apache Lucene, Solr, MySQL, Oracle, PostgreSQL, RabbitMQ, MongoDB.
Operating Systems: Unix/Linux, Windows.

EXPERIENCE

Technical Intern PhD — Summer 2013
EBay Inc, San Jose, CA
- Built a tag mining system using topic mining algorithms, Apache Hadoop, MongoDB, Apache Lucene and Apache Solr.

Application Engineer — 2010-2011
Oracle, Bangalore, India
- Worked on the mobile application and middleware for Oracle Fusion CRM.

Android Developer — 2009-2010
MySpace (representing Aditi Technologies)
- Developed the Official MySpace Android application. Responsible for developing AIDL remote services, designing pages, context aware services and the Oauth security layer.
- Implemented and consumed Long Polling in the MySpace mobile application for alerts.

Senior Development Engineer — 2007-2010 & 2011
Aditi Technologies, Bangalore, India.
- Worked on multiple projects developing web(J2EE) and mobile(Android) applications.
- Incorporated clustering and load balancing algorithms as a part of performance tuning in production web applications.

ACADEMIC PROJECTS

Data Mining — C++
- Implemented a music recommender system using Collaborative Filtering for Yahoo music dataset.

Game Design — C++
- Designed and developed KReversi/Othello - a 2D board game with AI.

Compiler Design — Python
- Designed and developed a compiler for a basic imperative language.

RESEARCH   Working on distributed, scalable solutions for real- time monitoring, analysis and management of water resources using Semantic Web and Linked Data principles.

OTHER   Finalist in *AngelHack Silicon Valley* , Summer 2013.
Won *SPARC-EDGE Hackathon* at Charleston, SC, August 2011.
Awarded *Research and Teaching Assistantship* by School of Computing, Clemson University.