

KAUSHIK NADIKUDITI

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• <https://github.com/kau8hik>

Objective

Seeking fulltime Software Engineer position with emphasis on Distributed Computing, Web design and development.

Education

Masters in Computer Science

CGPA: 3.74/4

University of Southern California

Expected Graduation: Dec 2014

Coursework Highlights: Web Technologies Algorithm Design Software Defined Networks
 Artificial Intelligence Computer Communication

B.E in Information Science

CGPA: 9.29/10

M.S Ramaiah Institute of Technology, Bangalore, India

2007-2011

Technical Skills

Languages	Java, C, C++, Lisp, Python, Perl, Shell scripting
Web Technologies	HTML, CSS, JavaScript, PHP, JSP, AJAX, XML
Tools	Eclipse, XAMPP, Hadoop, GIT, Wireshark, OPNET, SOAtest
Platforms	Linux, MacOS, Windows, Solaris

Work Experience

- USC Keck School of Medicine - Pathology Dept** Summer 2014
Web Developer Consultant.
 - Integrated the Payment gateway services of Authorize.net with the ISHSR.net for online payments.
 - Developed a custom membership renewal process which reminds the expiring users about the membership.
- Information Sciences Institute** Spring 2014
Worked as a student worker under **Prof Young Cho**.
 - Developed a web interface to limit parallel FPGA compilation by the same user and DETER integration.
- Canaspera** Software Engineer Apr 2012 - Jun 2013
EnMStore: Inventory System And E-Commerce Application
 - Developed a web interface for Billing, inventory tracking, and low on stock alerts.
 - Designed and developed a general purpose reporting object that could generate reports using any content from server across multiple pages.
- Cisco Systems** Software Engineer IV Aug 2011 - Mar 2012
DNCS (Digital Network Control System)
 - Developed a script to feature test the correct data flow for the Emergency messaging system of a Cable network.
 - Developed a script to determine the 5 Million EMM flow out from the network for detecting the flaw in the system.

Academic Projects

- Working on building a framework for security and privacy in the SDN architecture. Spring 2014
https://github.com/kau8hik/Academic-Projects/blob/master/HotSDN_Security/hotsdn14.pdf
- Designed and built an ecommerce site for a bookstore. <http://cs-server.usc.edu:40490/codeigniter/index.php>
- Built an DDoS **Attack detection tool** which traceback the path to the attacker. Spring 2014
- Built a scalable **Peer to Peer Distributed file transfer system** using sockets in C. Fall 2013
- IBM Remote Mentoring Program** Aug 2010 - Jun 2011
Dynamic Data Replication Strategy
 - Implemented an effective data replication strategy that reduced the backup latency by improving data availability.
 - Worked on node connection, data transfers, file replication and backup latency.

Extra Curricular

- Board Member: Vrlinug club (Linux users group) (2008-2011).
- Board Member: Bhakti Club at USC.