

ACADEMIA

Master of Science in Computer Science CGPA : 3.22/4.0	University of Southern California – May 2014
Directed Research in Machine Learning	USC Information Sciences Institute – May 2013
Bachelor of Technology in Computer Science and Engineering	Amrita University, India – May 2012

SKILLS

Programming: Java (***) ; C++ (**); Python (*); Bash (*)
Web: CSS, Twitter Bootstrap, JavaScript, jQuery, AJAX (**); PHP, ASP.net (*)
Others: Schema, SQL (**); Git (**); Selenium (*)
(***) Advanced (**) Intermediate (*) Apprentice

INDUSTRY

Summer Intern at Walmart Information Systems Division, Bentonville – Arkansas	Summer 2013
Studied and reviewed security risks in deploying publicly available mobile apps, on the internal mobile apps catalog for BYOD enrolled devices.	
Student Programmer at USC Norris Cancer Research Informatics, Los Angeles – California	Spring 2013
Automated news publishing, while also enhancing and maintaining key web applications used by research doctors and investigators. ASP.net / HTML	

PROJECTS

Micro Movement of Related Web Elements on the Client Side using a Firebug Extension
Built an extension on top of Firebug to aid web designing that computes all visible elements dependent on a selected element, and allows changing of padding / margin attributes in steps of one. JavaScript

Color Segmentation using a Multi-Layer Decision Tree Classification for Sophisticated Color Values
Developed an image processing research system that uses WEKA machine learning algorithms to perform pixel level classification over several decision layers with modules for image disintegration and rebuilding. Java

Generating Route Instructions in Uncertain Virtual Environments
Coded the language generation module in a maze like game to generate natural instructions for a user in a virtual unknown environment, using frame-based dialogue sets and rules based generation. Java Server Pages

RESPONSIBILITIES

Director of Technology at Association of Indian Students	Spring 2013
Lead a team of five developers to rebuild aisusc.org , set up unique membership cards with support systems, and other tech savvy practices to enhance productivity and efficiency of the organization. PHP, jQuery, Android	

INTERESTS

Front End Engineering, Product Design, Natural Language Processing