

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 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 on 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