

ACADEMIA

Master of Science in Computer Science	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

(***) Advanced (**) Intermediate (*) Apprentice

Programming: Java (***); C++ (**); Python (*)

Web: Client: CSS, Twitter Bootstrap (**); jQuery, AJAX (*) Server: PHP, ASP.net (*)

Database: Schema, SQL (**)

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

Color Classification Research System

Built wrapper classes for the WEKA open source library, used in an end-to-end research system with modules for decision tree learning, clustering, organization, image disintegration, and image rebuilding. Java

Extractive Temporal Summarization of News Archives

Built a summarization application that crawls a daily's news archive, clusters related articles, and presents a summary on a timeline using statistical IR, shallow NLP, and machine learning techniques. Java

Generating Route Instructions in Uncertain Virtual Environments

Built the language generation module for a project that generates natural instructions for a user in a virtual unknown environment, using frame-based dialogue sets and rules based generation. Java

EXPERIENCE

Director of Technology at Association of Indian Students USC

Lead a team of five developers and rebuilt aisusc.org while also setting up systems and tech savvy practices to enhance productivity and efficiency of the organization.

INTERESTS

Product Design, Instrumental Music