

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

Web: JavaScript, jQuery (**); CSS, Sass, Bootstrap (**); Node.js, PHP, ASP.net (*)

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

Others: Git (**); MySQL (**); MongoDB (*)

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

Learning: AngularJS, HTML5, Grunt, Karma, PhantomJS

EXPERIENCE

User Experience Intern at Votepad (Start-up) Venice – California **Spring 2014**

Designed new user experiences to consume 'feedly' content. Improved and added several small enhancements to primary user interface on the web. Contributed to multi-disciplinary engineering decisions. CoffeeScript. Sass. AWS

Summer Intern at Walmart Information Systems Division, Bentonville – Arkansas **Summer 2013**

Studied and reviewed security risks in deploying 130 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 enhancing key web applications used by researchers. ASP.net / HTML

PROJECTS

Micro Movements of Related Web Elements on the Client Side (Firebug Extension)

Built an extension to Firebug that computes all visible elements 'positionally' dependent on a selected element, and allows tweaking of padding / margin attributes in measures of one to aid web design. JavaScript. Firebug API

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

Muse – Rediscover Indian Classical Music @ CodeforIndia Hackathon at Google HQ

Built a website in 20 hours, which uses Web Audio API in HTML5 to crossfade two external music sources and record the resultant crossfade for replay and share. JavaScript, Web Audio API, SoundCloud API

* Awarded most usable product / best UI prize among 50 other hacks.

Extractive Temporal Summarization of Related News Articles from a New Archive

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

Club Website with Facebook Login Integration, modules for Housing, Questions, Profiles and more.

Lead the redesign of a club website from ground up where members can create profiles, login using Facebook, ask questions, sign up for temporary housing and RSVP for upcoming events. JavaScript, Bootstrap, PHP, Android