


Arvind Santhanam

User Experience Designer

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Education

Indiana University

Indianapolis, IN/ 2016-18 (exp)

Master of Human-Computer
Interaction

Amrita School of Engineering

Coimbatore, India/ 2012-16

Bachelor of Computer Science

Skills

Rapid ideation & Concepting
Sketching & Prototyping
Brainstorming & Think-Alouds
Contextual Inquiry & Interview
Cognitive Walkthrough
Heuristic Evaluation

Invision & Balsamiq

Powerpoint

Photoshop(Basic)

Git Version Control

Django Web Framework

MongoDB & MySQL

HTML5/ CSS3/ AngularJs

D3 v3/ Groovy

Python/ JAVA/ C/ C++

Certifications:

Transactional Analysis

Java & Web Component
development

Languages:

English, Tamil (Fluent)

Hindi, Sanskrit (Basic)

Personal:

Swimming/ Guitar

Cooking/ Yoga

Professional Experience

Intern Web Designer

Mu Sigma Inc/ Bangalore, India/ January - July 2016

Designed and developed collaborative online platform for communication between heads of a retail venture, its suppliers and employer. Responsibilities included iterative prototyping, showcasing, and web development using Python & Django.

Intern Software Developer

CSS Corp/ Chennai, India/ June - July 2014

Experience emphasized understanding software development strategies for the completion of a Java based mini-project through Agile methodology and GIT version control.

Research Experience

Search Result Diversification in Video Lecture Systems

Amrita School of Engineering/ Coimbatore, India/ 2013 - 2015

Research focused on implementing an E-lecture system which incorporated search result diversification to provide e-lecture results which were unique in content: to provide greater throughput of information. The system is currently being used in the university.

UX Projects

Application Design

Design process involved contextual inquiry, interviews, observations, brainstorming, affinity mapping, think alouds, sketching, prototyping & evaluation.

1. **UniTask** - Self-learning mobile application studies student work habits to help manage their tasks and schedules.
2. **Ensemble** - Mobile application which helps musicians connect, collaborate and socialize based on geographic and musical preferences.

Usability Evaluation - PactSafe, Inc

Usability report with application improvements were provided through conducting a series of data gathering and usability evaluation techniques such as cognitive walkthrough and heuristic evaluation to make application more usable to the target audience.

Other Activities

'Human Attitudes Causes Unsustainability': Seminar conducted to school children over how human ignorance and apathy is detrimental to environmental sustainability.

Active volunteer at Siruthuli(NGO) working for environmental care & restoring local rivers in my hometown(Coimbatore, India)