NEHA JAVALAGI

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Portfolio: https://nehajavalagi.github.io

SUMMARY	
	Software Artist • ***Design Thinker*** • ***Visual Empath*** • ***Technology Enthusiast*** • ***Poet***

EDUCATION

The University of Texas at Austin   Austin, TX
Master of Science, Information Studies   **Aug. '16 – Present**

Savitribai Phule Pune University   Pune, India
Bachelor of Engineering, Computer Engineering with Distinction   **Aug. '12 – May '16**

EXPERIENCE

International Student and Scholar Services, UT Austin
International Voices Blogger   Sept. '16 – Present
- Write a column for the online blog providing unique perspective as an International Student

Ishnatek Systems and Services Pvt Ltd
PetScroll, Application Design Intern   May '16 – June '16
- Created application prototypes employing usability standards for intuitive interaction design to help users manage their pets' health records, immunization, milestones, calendar and memories using their feature phones

Aarogyan, Android Application Developer   July '15 – May '16
- Performed User Research via surveys, in person-interviews and focus groups
- Designed smartphone application to capture and manage health data such as records, prescriptions, doctor visits, medication and lifestyle activities
- Performed visualization of vital parameter data, risk analysis, record management and simplified data capture using photos and QR codes

PROJECTS

Glee.me: A Smartphone Application Design To Study The Science Of Happiness
- Using experience sampling for subjective well-being assessment
- Analyzing wellbeing score with ambient data captured using smartphone for trend analysis and visualization of user's happiness levels
- Studying design principles for non-judgemental design for self-reflection tools

Website Design For The Russian School Of Austin
- Gathering requirements from in-person interviews and surveys
- Creating mockups and storyboards designing wireframes and hi-fi mockups using Sketch

A Study On Natural Language Processing For Intelligent Interface Design
- Studying the field of NLP as it relates to human-computer interaction
- Literature review focuses on its history, interactive application areas, design opportunities, computational and ethical issues
- Exploring the development of natural language widgets and their integration into multi-modal user interfaces

Usability Study Design For Atlas Wearables
- Designed a usability study for capturing quality of user experience with the Atlas device ecosystem for wearable, web app and mobile app
- Used insights gained from in-person interviews and survey results to suggest technical enhancements

Design Feasibility Study For An Optical Music Recognition System
- Studied the feasibility of a sheet music recognition system as a mobile application to automatically recognize and perform a musical score on a simulated piano thereby allowing users to archive, playback & analyze music easily and efficiently
- Performed a Comparitive study of various image processing, recognition and classification algorithms

SKILLS

- **Advanced:** C/C++, Java, Android Studio IDE, SQL
- **Intermediate:** HTML5, JavaScript, Python, Xcode IDE
- **Beginner:** QT, Matlab, Axure, Sketch
- **Extracurriculars:** Blogging, Poetry, Creative Writing, Piano, Quilling