

# KEERTHANA SRIDHAR

## UI/UX ENGINEER

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## EDUCATION

### University of Maryland, Baltimore

Class of 2018

M.S in Human Centered Computing

### BMS Institute of technology, Bangalore, India

Class of 2015

B.E in Computer Science

## SKILLS

### Frameworks/

### Technologies

Node.js

JavaScript

JQuery

P5.js

AngularJS

React/Redux

D3.js

### Cloud

AWS

Azure

### Programming

Java

HTML5

CSS3

### Testing Tools

Selenium

### Database

MySQL

### Design

Sketch

Adobe CC

Invision

Framer.js

Origami

Figma

### Research

Heuristic Evaluation

Think-aloud & Interviews

Concept Mapping

Competitive Analysis

Affinity Diagrams

Usability research and Analysis

Storyboarding & Visioning

Information Architecture

Machine Learning

Affective Computing

## EXPERIENCE

### RealityAI - Artificial Intelligence Startup

#### UI/UX Engineer

Columbia Maryland, Jun 2017 - July 2018

- Designed and assisted in building interfaces allowing users to quickly and intuitively develop and interact with signal processing and artificial intelligence modules.
- Created visualization using d3.js of the results from the machine learning algorithm and aided interpretation of the results of classifiers and detectors.
- Collaborated closely with AI engineers to create product with seamless user experience.
- Designed and built the workflow that allows users to interact with custom hardware in order to facilitate data acquisition.

Technology Stack: JavaScript | Node.js | AngularJS | D3.js

Design: Sketch | Invision | Framer.js

### UMBC-Modern Languages, Linguistics & Intercultural communication

#### Front End-developer

Baltimore, Dec 2016 - May 2017

- Designed and built a concordance tool used to search keywords for journal references for students and faculty usage.

Technology stack: php | HTML | JavaScript

### Oracle Financial Services Software

Associate Front End Engineer Consultant-Eastern Europe group

Bangalore, India. Feb 2016 - Aug 2016

- Mapped and assisted to build user interface for the Flexcube banking software using the Rapid application development tool for building web, mobile, desktop, and server-based applications for both on premise and cloud environments.

Technology Stack: JavaScript | Java | HTML5 | CSS3 | Oracle 11g

### Siemens Technology Pvt Ltd

Software Engineer Intern

Bangalore, India Jun 2014 - Sep 2014

- Built a product that can automatically upload the log data files of the user into the
- Designed and built a web tool for viewing login information of the user using the system.

Technology Stack: Java | HTML | CSS | MySQL

## Design Projects

### CreateArtsCenter.org

Usability Evaluation and Interaction Design

UMBC, Feb 2017 - May 2017

- Identified usability problems faced by the user, collected quantitative data on user's performance using methods such as Competitive analysis, Requirement gathering, User research, Task analysis and Heuristic Evaluation.
- Redesigned based on the problems to make it more marketable to the clients.

### Concept design - Infinity Gauntlet

User Interface Prototyping and Conceptual Design

UMBC, Feb 2017 - May 2017

- Designed and conceptualised a user interface structure for the infinite gauntlet and enabled the mode of use undergoing.
- Design techniques such as Mind mapping, Story boarding, Wireframing and Prototyping.