

Siddharth Kulkarni

Last Updated on 22nd March 2018

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EDUCATION

SAN JOSE STATE UNIVERSITY

MS IN COMPUTER SCIENCE

2017 - Expected May 2019
San Jose, CA | Cum. GPA: 3.7

S.R.M UNIVERSITY

BTECH IN COMPUTER SCIENCE AND
ENGINEERING

2013 - 2017 | Chennai, India
Cum. GPA: 8.8 / 10.0

ST. COLUMBA'S SCHOOL

HIGH SCHOOL

Grad. May 2013 | New Delhi, India
Cum. GPA: 90 / 100

SOCIAL LINKS

LinkedIn:// [sidkul](#)
Github:// [siddharthkul](#)
Personal:// [siddharthkul](#)

GRADUATE COURSES

SEMESTER 1 (COMPLETED)

Randomized Algorithms
Topics in Cloud Computing
User Interface Design

SEMESTER 2 (ONGOING)

Artificial Intelligence (Deep Learning)
Design and Analysis of Algorithms
Big Data

SKILLS

PROGRAMMING

HTML • CSS • JavaScript • jQuery
React • Redux • NodeJS • NPM
AngularJS • C/C++ • Java • Python
PHP • MYSQL • Swift ARKit

DESIGN

Photoshop • Sketch • Balsamiq

INTERESTS

UI/UX • Ar/VR • Computer Graphics
Artificial Intelligence • Machine Learning
Block Chain • Music Production

EXPERIENCE

ABODEMART | FOUNDER/FULL STACK DEVELOPER

April 2015 – Aug 2017 | Chennai, India

Ideated, designed and developed a full-stack web application - 'Abodemart', a free classified ads platform for college students in Chennai, India. The application has been used by over 30000 students till date.

HUMANFOX | USER INTERFACE ENGINEER (INTERN)

June 2016 – July 2016 | Chennai, India

Tasked with the redesign of the HumanFox website which resulted in a 20% increase in users buying premium and paid subscriptions. Used Sketch for creating wireframes and web designs in HTML, CSS which were integrated into the web and mobile application.

XOBIN | FRONT END DEVELOPER (INTERN)

July 2015 – Sep 2015 | Chennai, India

Co-Designed the original "Interact" platform which is a secure assessment platform for fast hiring. Also Designed the then company logo, landing page and other digital assets.

DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION | SOFTWARE DEVELOPER (INTERN) - UI TEAM

June 2014 – July 2014 | New Delhi, India

Designed and Developed an internal tool to visualize server statuses and security incidents for the Delhi Office using jQuery and the D3.js Javascript Library. This was the first data visualization tool used by the organization for this purpose.

RESEARCH

ENERGY EFFICIENCY IN BLOCKCHAIN | CS218 - CLOUD COMPUTING (GRAD RESEARCH PROJECT)

Sept 2017 – Dec 2017 | San Jose, CA

Researched and analyzed energy efficiency of blockchain miners with Sharan Duggirala under the guidance of Dr.Melody Moh. Experiments were conducted by varying parameters such as CPU cores, GPU cores and hashing function being used.

SRM SEARCH ENGINE | LEAD UI AND FULL STACK DEVELOPER

June 2014 – June 2017 | Chennai, India

Responsible for the look and feel, web development, SEO optimization and cross browser performance of the Gov. of India funded "India-centric" search engine. Increased application speed and improved user experience over multiple development iterations.

PLATFORM STABILIZATION USING REVERSE KINEMATICS UNDERGRAD FINAL RESEARCH PROJECT

Jan 2017 – April 2017 | Chennai, India

Worked along with the Department of Robotics, SRM University and RoboClub to design and develop cost effective platform stabilization for Smart Civil Structures.

SOCIETIES

2015-2017	Webarch	Web Designer/Tutor
2015-2017	CRY	Volunteer