**Aaska Shah**

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## EDUCATION

| Degree | University/Institute | Year | CPI/Aggregate |
|---|---|---|---|
| **B. Tech. (ICT)** | Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat | 2014 – 2018 | 8.29 |

## SKILLS

| | |
|---|---|
| **Expertise Area/Area(s) of Interest** | Android Application Development ,Data Structures, Algorithms, Web Application Development, Databases |
| **Programming Language(s)** | C, Java, Python, HTML 5, CSS 3, Javascript, PHP, SQL |
| **Tools and Technologies** | LT Spice, Logisim, Linux (Ubuntu CLI), Eclipse, Android Studio, Atom, Django and Flask frameworks. |

## PROJECTS

**Pet Project: Designing a Shell of Linux**
Guide: Prof. Anish Mathuria                                    Team Size: 1

A shell that is used in linux operating system which does different jobs given different commands and signals.

### Plagiarism detector tool(Ongoing Project)

Team Size: 3

A plagiarism checker which detects plagiarism between multiple submissions done by the students on the faculty portal.

### Attendance Taker
Guide: Prof. Rutu Parekh

Team size:10

An embedded hardware design that automatically takes attendence by thumb identification and database management syatem for it.

### Pet Project: Predictable ToDo Lists Application
Guide: Self

Team size: 1

An android application with use of tabs,spinners,date picker and time picker dialog boxes , alarm notifications and listviews for storing ToDo lists.

### Programming Club Android Application
Guide: Self

Team size: 6

An android application for programming club.

### Medi-Care Android Application
Guide: Self

Team size: 5

An application in which searches diseases according to symptoms. It can also give notifications for vaccines, contact and search doctors and  hospitals.

### Medi-Care Web Application
Guide: Self

Team size: 5

An application in which searches diseases according to symptoms. It can also search doctors and  hospitals.

### Dynamic Memory Allocator
Guide:Prof. Anish Mathuria

Team size: 1

A dynamic storage allocator for C programs, i.e., my own versions of the `malloc`, `free`, and `realloc` routines.

## PROFESSIONAL EXPERIENCE/INTERNSHIPS

| | | |
|---|---|---|
| **Rural** | **Sri Eklavya Education Trust** | **7/12/15 – 7/1/16** |
| | | Team Size – 6 |
| | This rural internship involved educating farmers and encouraging women for education and introducing to technology. | |
| **Industrial (ongoing)** | **Robocop Technologies LLP** | **1/5/16 – 31/7/16** |
| | | Team Size - 1 |
| | This a summer internship on cloud computing,managing dababases and web application development. | |

## Opensource Experience

I have been contributing to Systers, an Anita Borg Institute Community. My contributions involve finding bugs and reporting, solving them, majorly in  following projects:

| | |
|---|---|
| **Volunteer Management System** | The Volunteer Management System (VMS) will be useful for volunteer coordinators, volunteer sign-up, tracking hours, and reporting.Solved some of the existing issues. |
| **Power-Up Android** | PowerUp is a female empowerment educational mobile game app that will allow young girls to learn about health and self-esteem by navigating the life of their avatar. |
| **PCSA-Android** | This project is to support the initiative by creating a mobile app that PCVs can readily have access to report or gain information on Peace Corps Safety and Security procedures. |

## Awards and Achievements

- **Core Member of the Cultural Committee**
- **Member of Open Source Club**
- **Won BEST VOLUNTEER UNDER ANY CLUB award for PROGRAMMING CLUB.**
- **Won 3$^{rd}$ prize in Appathon(a 24-hour application development challenge)**

## Interests and Hobbies

Open Source

Competitive Coding

Painting

Travelling

**Note** : The detailed description of my open source contributions and projects could be found at (https://gist.github.com/AaskaShah/3fa9141556119027ab40 ).
**Github profile** : https://github.com/AaskaShah