

# MOHAMED SHADAB

DA-IICT, Gandhinagar, Gujarat, IN

<https://shadxx7.github.io/>

## Education

### **Dhirubhai Ambani Institute of Information & Communication Technology, Gujarat, India**

Bachelors of Technology in Information & Communication Technology

August 2016 – Ongoing

### **Our Own High School Al Warqa'a, Dubai, UAE**

High School Graduate - CBSE

2016

Middle School Graduate - CBSE

2014

## Skills

**Areas of Interest:** System Design, Web Development and Open Source.

**Programming Languages:** Proficient in JavaScript, HTML5, CSS3 and Python. Familiar with C/C++.

**Tools & Technologies:** Comfortable with ReactJS, NodeJS/Express, SQL/NoSQL Databases with ORMs, Git and Docker. Familiar with ElectronJS, Python Flask and VueJS.

**Technical Courses:** Data Structures, Design and Analysis of Algorithms, System and Software, Computer Network Systems, Human Computer Interaction, Database Management Systems, Software Engineering.

## Experience

### **Google Summer of Code '19 Intern**

**May 2019 – August 2019**

Worked with Computational Biology @ University of Nebraska-Lincoln (HelikarLab) to create a Web Pipeline for Kinetic based Bio-Models. The project involved developing a Web Interface in ReactJS which is connected to a Backend built in NodeJS which uses Python to run certain simulations.

### **Software Engineering Intern at Yoctosehns Technologies**

**April 2019 - Current**

Responsible for maintaining and progressing the software platform of Yoctosehns Technologies which is primarily built on Python Flask and ReactJS.

### **Intern at Gramin Vikas Trust**

**December 2017**

Developed a Website which serves as an online registration portal for the Vocational Training Program of the Gramin Vikas Trust NGO. Undertook a survey across several farming households in small villages near Dahod and Lonavada, Gujarat.

## Projects

**DA-IICT Elections Web Application:** An open source web app for conducting 100% paperless elections in DA-IICT.

**Freelance Database Project:** A SQL (PostgreSQL) database project made for emulating a freelancing website. Done as a part of the Database Management System course.

**Open Faculty Directory:** A web app to allow users to search up faculties of different institutions in one single universal portal. Done as a part of the Software Engineering course.

**Darkrai:** An open source browser extension which enables you to chat with anybody visiting the same website. Built with React, Node and a Python to facilitate a Machine Learning Model to detect hate speech.

## Positions of Responsibility

### **Lead, Developer Student Club – DAIICT**

**January 2019 – Current**

Lead of the Developer Student Club which is affiliated with the Google Student Development Activities. It involves organising and conducting several sessions, workshops, meetups and more on software development & Open Source Technologies.

### **Deputy Convener, Hostel Management Committee – DAIICT**

**April 2018 – May 2019**

2<sup>nd</sup> in Command of the largest committee in the Student Body Government of DA-IICT. Responsible for all the Managerial aspects of the hostel which accommodates over 1000 students which includes but is not limited to organising drives, events, handling complaints and negotiating amenities with the institute administration.