

# Dhiren Serai

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## **Career Objective**

Seeking a challenging task wherein, I could enhance and develop my current computer science knowledge, and skills to the best of my abilities, and to work in an organization where there is scope for both Organizational and Personal Growth.

## **Education**

Year	Examination	Institution	Board/ University	Percentage/ Grade Obtained
2019	M.Sc Computer Science- Semester 1	University of Stuttgart	Stuttgart	2.8 Grade
2017	BE -Semester 7 BE- Semester 8	VESIT	Mumbai	8.40 SGPA 8.67 SGPA
2016	TE -Semester 5 TE -Semester 6	VESIT	Mumbai	8.58 SGPA 8.42SGPA
2015	SE-Semester 3 SE-Semester 4	VESIT	Mumbai	8.00 SGPA 8.75 SGPA
2014	FE-Semester-1 FE- Semester 2	VESIT	Mumbai	7.07 SGPA 7.02 SGPA
2013	HSC	Jai Hind College	Mumbai	72.00 %
2011	SSC	St Joseph High School	Mumbai	82.55 %

## **Computer Skills**

- **Computer Languages** - C, JAVA, Clojure,Clojurescript,R ,Latex,Python3
- **Web Development** - HTML 5 ,CSS 3 ,PHP,Javascript
- **Frameworks** - Luminus (Clojure),Django,AngularJS
- **Libraries** - Reagent (Facebook React + Clojurescript) , Bootstrap
- **Databases** - MySql,Oracle Sql Plus, NoSQL (MongoDB)
- **Others** - OPENCV

## **Research Experience**

- Hand Gesture Recognition and Cursor Control  
-[http://www.researchgate.net/publication/280112512\\_Hand\\_Gesture\\_Recognition\\_and\\_Cursor\\_Control](http://www.researchgate.net/publication/280112512_Hand_Gesture_Recognition_and_Cursor_Control)
- Proposed System for Sign Language Recognition - Presented at 2017 International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC) sponsored by IEEE Madras Chapter. ISBN- 978-1-5090-4324-8
- Prediction of Air Pollution with Machine Learning - Presented at the BTW Conference 2019 in Rostock <https://btw.informatik.uni-rostock.de/download/workshopband/G2-4.pdf>

## **LBS Project**

June 2014-May 2015

In the second half of my sophomore year,I was selected for LBS program in my college and made a Hand Gesture Recognition project which was basically a virtual mouse.I was inspired by the device Leap Motion.I have also written a research paper on this project and published it on Academia.

## **Summer Project**

June 2016- July 2016

I worked as a PHP Developer for 2 months in the university and developed a web-portal for them.I worked on Drupal 8.The portal is for students who are receiving concession ,so the applications consisted of forms,upload pdfs,upload images,etc could be automated.

## **Professional Experience**

June 2017- Feb 2018

I was a full stack developer at Mindseed.The technologies I work on are Clojure and Clojurescript.One of the most important lessons I learnt here was to write good quality and readable code.I worked on Cordova for developing a hybrid mobile application using Reagent (Facebook React + Clojurescript) Also the last 6 months I had worked on Django Backend for developing REST Apis in Python3.

## **Professional Experience**

March 2018- July 2018

I was a backend developer at Immerz.Immerz is basically a sub-company of Mindseed (the place where I worked for 9months) ,then I was shifted to Immerz(A subcompany). Technologies : Python (Backend) Django.

## **Student Developer( Google Summer of Code 2019)**

May2019- August 2019

I am currently working with OWASP organization with the help of Google in Google Summer of Code 2019.My task is to automate the honeypot process completely from scratch.Technologies used are Python,Javascript,Flask and Docker.

## **Honors**

- Came First in LBS (looking beyond syllabus) for project on Hand gesture recognition and Control.
- Came Second in TCS-VESIT interconnect competition for designing a Webapp.
- Won in BTW Data Science Challenge 2019 which was held at University of Rostock. (<https://btw.informatik.uni-rostock.de/download/workshopband/G2-4.pdf>)

## **Extra Curricular Activities**

- Participated in ACM -ICPC coding competition.
- Participated in Code for Good Competition conducted by JP Morgan Chase.

## **Hobbies and Interests**

- Playing Football
- Swimming

## **Personal Details**

- **Date of Birth** : 28 December , 1995
- **Gender** : Male
- **Languages Known** : English, Hindi, Marathi, Sindhi,French,German
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- **Github Username** : dhirensr
- **Blog** : <https://dhirensr.github.io/>
- **LinkedIn** : <https://www.linkedin.com/in/dhiren-serai-16409b114>

I certify that the information given above is true.

**DHIREN SERAI**