

# HARSH MODI

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## EDUCATION

### Master of Science in Computer Science

University of Southern California, Los Angeles, California

Exp. Dec 2022

### Bachelor of Engineering in Computer Science

Ramdeobaba College of Engineering and Management, Nagpur, India

May 2019

## SKILLS

- Programming Languages: Java, C
  - Web Technologies: HTML5, CSS3, Bootstrap, JavaScript, Django, jQuery, AJAX, ReactJS, AWS EC2
  - Database: SQL, SQLite, PL/SQL
  - Tools and Applications: Oracle EBS Suite, Android Studio
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## PROFESSIONAL EXPERIENCE

### Full Stack Web Developer - Sabertooth Technologies, Nagpur, India

Sep 2019 - May 2020

Technologies - HTML5, CSS3, Bootstrap, JavaScript, AJAX, ReactJS, Python, Django, JS Libraries (particle.js, amCharts.js), AWS EC2

- Developed the complete company website which attracted new clients and aided in company growth ( [sabertoothtech.in](http://sabertoothtech.in) )
- Designed and developed the frontend for a College Management System (CMS) web application product
- Directly worked with the development team of a client to build requirements for their ERP system using JavaScript and their system functionalities

### Information Technology Intern - GE Appliances, Bangalore, India

Jan 2020 - Jun 2020

Technologies - SQL, Oracle APCC, Oracle ASCP, Oracle Demantra, JIRA, Service Now, Git

- Instrumental in ensuring SLAs for VCP cycle are met through monitoring and taking the right actions at the right time
  - Worked on monitoring enhancements using SQL that reduced 14 false alerts/week saving 5 man-hours hrs/week
  - Performed Performance Testing and Regression Testing as a part of the VCP Application Platform Upgrade
  - Built new SOPs which has helped increase the efficiency of the team and reduced the time spent doing manual work
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## PROJECTS

### AlumNextDoor - HTML5, CSS3, Bootstrap4, JavaScript, Django, Python - [alumnextdoor.com](http://alumnextdoor.com)

- Co-Founded and developed a web platform that aims at helping applicants of MS and MBA programs by connecting them to alumni from their dream schools
- Successfully onboarded 60+ alumni from top-ranked schools working in top MNCs

### Stock Market Evaluator - Alpha Vantage API, amCharts.js, HTML5, CSS3, Bootstrap4, JavaScript, Tableau - [everythingssnp.com](http://everythingssnp.com)

- Built a web tool that shows the stock related stats for the S&P 500 companies in the stock market
- Alpha Vantage API was used to fetch the stats and populate them into tables and graphs for a particular company

### Event and Task Manager - HTML5, CSS3, Bootstrap4, JavaScript, Django, Python - [dailytaskmanager.herokuapp.com](http://dailytaskmanager.herokuapp.com)

- Created a web application to maintain a list of TODOs, reminders, and events based on due dates and priority
- Incorporated Voice-To-Text feature to add new items to the list

### Wikipedia Donation Calculator - HTML5, CSS3, Bootstrap4, JavaScript, Google Analytics - [fair-donation.com](http://fair-donation.com)

- Built a tool that helps calculate how much we should be donating to Wikipedia for the free information available on it
- Calculator allows the user to select the number of articles they read, a fair monetary contribution per article they feel is justified, and if they contribute to Wikipedia by writing or editing their articles
- Based on the responses, it calculates the value (in the currency of choice) that the person should be donating to Wikipedia

### MedPharm - Java, SQL, XML, Google Firebase, Android Studio

- Built an android app to link doctor, patient, and pharmacy
- Doctor can provide a digital prescription, patients can find the nearest pharmacy with prescribed medicines available
- Users provided access to various health-related articles and generic drug alternatives for prescribed medicines

### Facial Analysis and Classification Expert - MATLAB

- Developed software that can classify humans into two major categories – Adults and Minors to provide controlled access to content based on the age of the person for security and surveillance
- Facial features like the distance between eyes, nose, and mouth and SVM classifier used for classification
- If classification category 'Adult' – Access Granted else if classification category 'Minor' – Password Prompt to gain access