

# HARSH MODI

Los Angeles, CA | +1 (323) 986-9133 | harshmod@usc.edu | [www.harshmodi.tech](http://www.harshmodi.tech) | [linkedin.com/in/harshmodi97](https://linkedin.com/in/harshmodi97)

---

## EDUCATION

**Master of Science in Computer Science**, University of Southern California, Los Angeles - **GPA: 4.0/4.0**  
**Bachelor of Engineering in Computer Science**, Nagpur University, India - **GPA: 8.8/10.0**

**Exp. Dec 2022**  
**May 2019**

---

## TECHNICAL SKILLS

- Programming Languages: Java, Python
  - Web Technologies: Django, Flask, Node.js, HTML5, CSS3, JavaScript, jQuery, ReactJS, AWS EC2, Google Cloud, REST APIs
  - Database: MySQL, SQLite
  - Tools and Applications: Oracle EBS Suite, Android Studio, Git, Jira, Tableau
- 

## PROFESSIONAL EXPERIENCE

**Full Stack Web Developer - Student Worker** - USC School of Pharmacy, Los Angeles, CA **Apr 2021 - Present**  
Technologies - Python, Django, MySQL, HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX

- Proactively directing various aspects of planning, designing, and feature development using agile project methodologies
- Remodeled and implemented versioning system within website database structure to increase scalability
- Provided legacy database compatible solutions to complex and time-sensitive problems improving end-user 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 company website from scratch attracting 5 new clients within first month of deployment ([sabertoothtech.in](http://sabertoothtech.in))
- Revamped frontend for a College Management System web application product reducing loading speed time by 50%
- Collaborated with development team of a client to build requirements for ERP system using Django and JavaScript

**Information Technology Intern** - GE Appliances, Bangalore, India **Jan 2019 - Jun 2019**  
Technologies - SQL, Oracle APCC, Oracle ASCP, Oracle Demantra, JIRA, Service Now, Git

- Ensured Value Chain Planning daily cycle Service Level Agreements (SLA) are met 99% of time with swift error handling
- Performed monitoring enhancements using SQL reducing 14 false alerts/week saving 5 man-hours/week
- Performed Performance Testing and Regression Testing for VCP Platform Upgrade leading to 5 critical bug discoveries
- Built new SOPs increasing the efficiency of the team and reducing time spent doing manual work by 35%

---

## PROJECTS

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

- Co-Founded and single-handedly developed a web platform to help MBA/MS college applicants connect with alumni from their dream colleges for college application assistance
- Onboarded 40+ alumni from top-ranked schools and helped 100+ applicants get assistance

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

- Architected and built a web tool that shows stock related statistics for companies in the stock market
- Utilized Alpha Vantage API to fetch real-time stock statistics and populate them into tables and charts using amCharts.js

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

- Led a team of 4 students to build an android app that allows doctors to create/send a digital prescription to patients and helps patients find nearest pharmacy with prescribed medicines available by database and Google Maps API integration
- Improved patient knowledge through articles and generic drug alternatives by integrating trusted online databases

**Others** - **Event and Task Manager** ([dailytaskmanager.herokuapp.com](http://dailytaskmanager.herokuapp.com)), **Wikipedia Donation Calculator** ([fair-donation.com](http://fair-donation.com))

---

## RESEARCH

**“Classification of Facial Images into Adult or Minor Categories using Facial Features”**

International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-10, August 2019

- Led a team of 4 students to develop software that classifies humans into two categories – ‘Adults’ and ‘Minors’ to provide controlled access to content based on age of a person for security and surveillance
- Implemented contrast correction, noise removal, and facial feature extraction using median filtering technique and Cascade Object Detector and achieved a 95% accuracy using the SVM classifier