

# Harshil Patel

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## SUMMARY

Computer Science graduate with 1+ years of internship experience. Looking for an entry level position in software engineering to apply my academic, technical and internship skills towards the company mission

## EDUCATION

### California State University Los Angeles || M.S. Computer Science

Aug 2018 - Dec 2020

Coursework: Advanced Analysis of Algorithms, Advanced web programming, Advanced Database System, Data Science, Advanced Machine Learning, Advanced Information security, Advanced Software Engineering

### Gujarat Technological University || B.E. Computer Engineering

July 2013 - May 2017

Coursework: Analysis & Design of Algorithms, Data Structure, Web programming, C++, Operating System, Object Oriented Programming-JAVA, J2EE, Database Management, Systems Programming, Computer Architecture & Networks

## SKILLS

- **Languages& Frameworks:** Python, JAVA, J2EE, PHP, JavaScript, jQuery, HTML5, CSS3, Bootstrap, MySQL, AngularJS, React, Hibernate, JSP, Servlet MVC, C, C++, Oracle, Pandas, NumPy, OpenCV, Keras, TensorFlow, Node.js
- **Tools & Technologies:** Eclipse, Visual Studio Code, NetBeans, Jupyter Notebook, Anaconda-Navigator, Dreamweaver, Turbo C Apache Tomcat, SQL Server, Glassfish, WampServer, Git, Jenkins, JIRA.

## EXPERIENCE

### Web Developer Intern at Tristate Technology, India

June 2017 - Dec 2017

Tools and Technologies: PHP, JavaScript, AngularJS, HTML5, CSS3, MySQL, Visual Studio Code, WampServer, Git, Jenkins, JIRA

- Developed a single page application, implementing scalable and maintainable system and functionalities using HTML5, CSS3, MySQL, AngularJS
- Developed an efficient Administration module to manage the web application dynamically
- Debugged the application form inputs on frontend with PHP & JavaScript

### Software Developer Intern at Sculptsoft, India

June 2016 - April 2017

Tools and Technologies: Java, JSP, Servlet, NetBeans, Hibernate, MySQL, JavaScript, HTML5, CSS3, Bootstrap, Git, Jenkins, JIRA

- Developed REST APIs for several applications using JavaScript. These APIs were further used by Java developers
- Involved in multiple phases of Software development life cycle including design, development, testing and maintenance
- Developed and tested web application called Lease Management System based for a real estate agency using Java with Hibernate frameworks on frontend and MySQL on backend
- Implemented web features with JSP, Servlet and webpage design with HTML5, CSS3, Bootstrap

## PROJECTS

### My Resume Portfolio

Mar 2021

Technologies Used: HTML5, CSS3, Bootstrap, JavaScript, IntelliJ

- Developed static web pages of [my resume portfolio](#)
- Implemented Front-end web development functions using JavaScript with help of HTML, CSS and Bootstrap

### Face Recognition Model

Jan 2020 - May 2020

Technologies Used: Python, Jupyter Notebook, OpenCV and Keras Library, TensorFlow

- Developed a Machine Learning model for Face Recognition using Python
- Implemented using OpenCV Library and Keras Library running on top of TensorFlow
- Used a data set of 200K human photos during training and testing of the model for Gender classification

### Secure Election System

Mar 2020 - May 2020

Technologies Used: Java, Apache Tomcat, Eclipse IDE

- Developed a JAVA application called Secure Election System, to provide a secure way to vote electronically
- Implemented two central functionality - Central Tabulating Facility (CTF) to count the votes and Central Legitimization Agency (CLA) to certify the voters
- Used RSA algorithm for encryption and decryption, HashMap for storing key and value pair, Tomcat for connection stability

## CERTIFICATES & ACTIVITIES

- LinkedIn Learning Certificate - Git Essential Training Mar 2021
- Udemy Certificate - The complete 2021 Software Testing bootcamp Feb 2021 – Mar 2021
- Udemy Certificate - Java Programming Masterclass for Software Developer Oct 2020 – Nov 2020
- Udemy Certificate - 2020 the complete python bootcamp Sept 2020 – Oct 2020
- Member at Chapter of ACM (Association for Computing Machinery) Cal State University LA Jan 2019 – May 2019