

## Ami Patel

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<b>Objective</b>	Seeking an internship in Software Engineering in an organization where I can contribute towards its growth using my technical background and experience.
<b>Interests</b>	Full stack web development, Mobile app development and Machine Learning
<b>Education</b>	Masters in Software Engineering <b>San Jose State University</b> , August 2016 - May 2018(Expected Graduation) Bachelors in Engineering in Computer Engineering <b>L.D College of Engineering</b> , 2012 - 2016 ( <b>CG 3.71/4.0</b> )
<b>Skill Set</b>	<b>Programming:</b> JAVA, Python, PHP, C, Objective C <b>Databases:</b> MYSQL, MongoDB, SQLite , RDS <b>Web Technologies:</b> HTML5, CSS 3.0, JavaScript, Node.js <b>Cloud Technologies:</b> AWS, Google App Engine <b>Dev Tools:</b> Eclipse, IntelliJ, Git <b>Testing Tools:</b> Junit <b>Other:</b> Docker,Linux, Android, Scrum
<b>Experience</b>	<b>Software Engineer Intern</b> , SoftVan Technologies, June 2015 - May 2016 <ul style="list-style-type: none"><li>Contributed in all phases of SDLC from requirements gathering to maintenance.</li><li>Build a website in a team of 2 as part of demo for Smart City Project, designed user interface, database models and integrated with app using web services.</li></ul>
<b>Academic Projects</b>	<b>Smart Travel System</b> <ul style="list-style-type: none"><li>Implemented functionality for navigation, searching and reviewing of various places, feedback processing, image upload and display, fare estimation using Java and MySQL. Generated graphs for the data stored.</li><li>Google Maps API for providing navigation facilities to user.</li></ul> <b>Mobile Sensor Cloud Infrastructure as a Service</b> <ul style="list-style-type: none"><li>Developed a Mobile Sensor Iaas using AWS, Java, MySQL, HTML, CSS.</li><li>Comprised cloud components like Scalability, Load-balancing, Dashboard</li></ul> <b>Cross Domain Online Market Place</b> <ul style="list-style-type: none"><li>A market place having websites created by each team member and counting the number of visits and giving suggestions based on it along with user tracking using PHP, MySQL and Heroku.</li><li>Created rich UI using HTML5, CSS, JavaScript and Bootstrap</li></ul> <b>Identity Checker using Face Recognition</b> <ul style="list-style-type: none"><li>Algorithm that checks the matching percentage of live image uploaded using camera or mobile device against the one in database by use of TensorFlow and Python</li><li>Used Android for providing user interface</li></ul>
<b>Hobby Projects</b>	<b>Mortgage Calculator</b> <ul style="list-style-type: none"><li>Built an Android App that takes the information of a certain property along with the loan information and calculates monthly mortgage.</li><li>Performed address validation using Google Maps API.</li></ul> <b>Sort It Out</b> <ul style="list-style-type: none"><li>A rich-UI multi-player game based on quick sort and selection sort using Java in Greenfoot. Also, used Amazon AWS</li><li>The team followed Scrum and Kanban practices during the development</li></ul>
<b>Publications</b>	<b>A Comprehensive Study on Mobile Sensing and Cloud Services</b> <ul style="list-style-type: none"><li>Wrote a survey paper on Monitoring, Billing, Management and Virtualization of mobile sensor network.</li></ul>
<b>Other</b>	Volunteer at Silicon Valley Code Camp and ISO-SJSU. Regularly solving data structures problems at leetcode.