Ami Patel

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Objective	Seeking an internship in Software Engineering in an organization where I can contribute towards its growth using my technical background and experience.
Interests	Full stack web development, mobile app development and machine learning.
Education	Masters in Software Engineering **San Jose State University**, August 2016 - May 2018(Expected Graduation)
	Bachelors in Engineering in Computer Engineering **L.D College of Engineering**, 2012 - 2016 **(CG 3.71/4.0)**

Experience

Software Engineer Intern, SoftVan Technologies,   June 2015 - May 2016
- Contributed in all phases of SDLC from requirements gathering to maintenance.
- 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.

Skills

Programming: JAVA, Python, PHP, C, Objective C
Databases: MYSQL, MongoDB, SQLite , RDS
Web Technologies: HTML5, CSS 3.0, JavaScript
Cloud Technologies: AWS, Google App Engine
Dev Tools: Eclipse, IntelliJ, Git
Testing Tools: Junit
Other: Docker,Linux, Android, Scrum

Academic Projects

Smart Travel System
- 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.
- Google Maps API for providing navigation facilities to user.

Mobile Sensor Cloud Infrastructure as a Service
- Developed a Mobile Sensor Iaas using AWS, Java, MySQL, HTML, CSS.
- Comprised cloud components like Scalability, Load-balancing, Dashboard

Cross Domain Online Market Place
- 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.
- Created rich UI using HTML5, CSS, JavaScript and Bootstrap

Identity Checker using Face Recognition
- 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
- Used Android for providing user interface

Hobby Projects

Mortgage Calculator
- Built an Android App that takes the information of a certain property along with the loan information and calculates monthly mortgage.
- Performed address validation using Google Maps API.

Sort It Out
- A rich-UI multi-player game based on quick sort and selection sort using Java in Greenfoot. Also, used Amazon AWS
- The team followed Scrum and Kanban practices during the development

Publications

A Comprehensive Study on Mobile Sensing and Cloud Services
- Wrote a survey paper on Monitoring, Billing, Management and Virtualization of mobile sensor network.

Other

Volunteer at Silicon Valley Code Camp and ISO-SJSU.
Regularly solving data structures problems at leetcode.