**Raj Patel**

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**Education**

**University of Southern California**, Los Angeles, CA August 2019 to May 2021 (Expected)

* Viterbi School of Engineering
* Master of Science in Computer Science

**Gujarat Technological University (Alpha College of Engineering)**, India August 2015 to May 2019

* Bachelor of Engineering (B.E), Computer Engineering GPA: 9.16/10

**Work Experience**

**Software Engineer Intern, Brainasoft**, India February to June 2019

* RESTful API development for their products in Python-Flask and PHP
* Developed an App Store like full stack mobile application in React-Native with PHP backend
* Python Web Scraping with Beautiful Soup 4
* Developed affiliate marketing system with user dashboard using PHP, MySQL
* Web designing in React.JS and Bootstrap 4 and code refactoring for old design

**Projects**

**Smart RSVP**

* Counts event attendees using a QR code (Generated by Host) on invitation card.
* Each QR code has a unique string generated by MD5 hash.
* Code: <https://github.com/Raj1998/smart-RSVP>
* Live: <https://django-app-241.herokuapp.com>

**Image classification of distracted driver**

* Classifies the image of a driver and Model predicts activity of driver from ten classes (Ex. Safe driving, texting, calling etc.). using Convolutional Neural Network.
* Live: <https://web-predict.herokuapp.com/>

**React Native Signup Login Application**

* Signup and Login functionality in React-Native.
* This project is created using Expo and Python flask backend API that handles new user registrations and existing user login. Google OAuth is also supported in this API. React navigation is also used in this project
* Code: <https://github.com/Raj1998/react-native-signup-login-with-python>

**Basic discussion Forum website**

* I have created a discussion Forum website in Java(J2EE), Servlet and JSP. I hosted this website for my college for one month on https://jelastic.com/
* Code: <https://github.com/Raj1998/forum>

**Society management System**

* Used for alert broadcasting, maintenance payment reminder, automatic fine calculator for late payment of maintenance, event booking, etc.
* Code: <https://github.com/Raj1998/smart-building>

**CERTIFICATIONS**

Machine Learning by Stanford University on Coursera:

<https://www.coursera.org/account/accomplishments/certificate/CF5TPE6S4G8L>

Deep Learning, a 5-course specialization by deeplearning.ai on Coursera:

<https://www.coursera.org/account/accomplishments/specialization/ACE2HC553QZA>

Algorithmic Toolbox by University of California San Diego on Coursera

<https://www.coursera.org/account/accomplishments/certificate/AMKX339TFRP9>