

# Vipin Kumar

✉ vipin3432@gmail.com | ☎ +91 9968234316 | 🔗 <https://github.com/VipinindKumar>  
<https://www.linkedin.com/in/vipinindkumar/>

## Education

### Guru Gobind Singh Indraprastha University

BTECH IN CHEMICAL ENGINEERING

GPA: 80%

Delhi, India

Aug 2011 – June 2015

### Self-learning

COMPUTER SCIENCE, MACHINE LEARNING

Online

2016 – Present

## Experience

### Indian Oil Corporation Limited

SUMMER TRAINEE

Panipat Area, India

Jul 2014 – Aug 2014

## Skills

### Machine Learning:

Deep Learning, Convolutional Neural Networks, Recurrent Neural Networks

**Programming Languages:** Python, Matlab/Octave, Java, C, JavaScript, PHP, SQL, Standard ML, Racket

**Tools:** Scikit-Learn, Keras, TensorFlow, pandas, NumPy, Linux

**Computer Science:** Programming language theory, Functional Programming, OOP, Systematic Program Design

## Projects

### Self-Driving: Lane Detection

PROGRAM TO DETECT LANES IN A VIDEO OF A ROAD

OpenCV, Numpy, Python

<https://github.com/VipinindKumar/Self-Driving>

Driving

python, machine-learning,  
time-series, target-encoding

### Predict Future Sales

PREDICT TOTAL SALES FOR EVERY PRODUCT AND STORE IN THE NEXT MONTH FROM A TIME-SERIES DATASET OF DAILY SALES DATA

[www.github.com/VipinindKumar/Predict-Future-Sales](https://github.com/VipinindKumar/Predict-Future-Sales)

Future-Sales

machine-learning,

neural-style-transfer,

transfer-learning, tensorflow

### Neural Style Transfer

IMPLEMENTATION OF A NEURAL NETWORK TO PERFORM STYLE TRANSFER, USING TRANSFER LEARNING OF A VGG19 IMAGENET MODEL

[www.github.com/VipinindKumar/Neural-Style-Transfer](https://github.com/VipinindKumar/Neural-Style-Transfer)

Style-Transfer

web-scraping, beautifulsoup,

regular-expression

### Web scraping price

A WEB SCRAPING PROGRAM TO SCRAP LAPTOP PRICES AND THEIR SPECIFICATIONS

[www.github.com/VipinindKumar/Web-scraping-price](https://github.com/VipinindKumar/Web-scraping-price)

scraping-price

Javascript, Python, CSS, Html,

Bootstrap

### Webliza

IMPLEMENTATION OF ELIZA-CHATBOT IN PYTHON, WITH USER-INTERFACE TO CHAT WITH THE BOT.

[www.github.com/VipinindKumar/Webliza](https://github.com/VipinindKumar/Webliza)

Memory, Output, Array, Screen ...

### Operating System

A SIMPLE OPERATING SYSTEM TO SUPPORT A 16-BIT COMPUTER IN A MADE-UP LANGUAGE

[www.github.com/VipinindKumar/Operating-System](https://github.com/VipinindKumar/Operating-System)

System

## Awards

Aug 2014 **IICHE Golden Jubilee Scholarship 2014-2015,**

Indian Institute of  
Chemical Engineers

International

Dec 2011 **1st prize in Personality Development through Self-Awareness,**

Society for Krishna

Consciousness