

# Vikram S. Bajaj

www.vikrambajaj.me

vikrambajaj220496@gmail.com/vsb259@nyu.edu | +91 8106024872 | Hyderabad, India

## EDUCATION

### GITAM UNIVERSITY

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

May 2017 | Hyderabad, India

Cumulative GPA: 9.58/10

## SKILLS

### PROGRAMMING

- Prior experience in MATLAB, Python and Java
- Responsive Web Design using HTML5, CSS3 and JavaScript
- Intermediate-level understanding of Machine Learning and its applications in Computer Vision and Data Mining
- Working knowledge of Android application development
- Familiarity with C, C++, PHP, SQL and  $\LaTeX$
- Analytical thinking and problem solving
- Fluency in English, Hindi and limited working proficiency in French

## INTERESTS

- Artificial Intelligence and Machine Learning
- Deep Learning
- Computer Vision
- Data Mining

## EXPERIENCE

### IIT MADRAS | SUMMER FELLOWSHIP PROGRAM 2016 INTERN

May 2016 - July 2016 | Chennai, India

Worked on a Computer Vision project, under the guidance of **Dr. Sukhendu Das** (Professor, Department of Computer Science & Engineering, IIT Madras), which dealt with the creation of a Content-Based Image Retrieval (CBIR) system. The project report can be found [here](#).

## RESEARCH AND PROJECTS

### SEMANTIC WEB RESEARCH

GITAM University, Hyderabad, India

Currently working with an assistant professor at my university, **Mr.D.Teja Santosh (PhD)**, on research related to the Semantic Web. Our work involves the creation of an ontology for Hindi opinion words.

### FINAL YEAR PROJECT

GITAM University, Hyderabad, India

Lead my team for our final year project titled "Image Category Classification using Deep Learning", which uses a Convolutional Neural Network, trained on the ImageNet dataset, to classify images.

### OTHER MACHINE LEARNING PROJECTS

- Worked on emotion recognition and handwritten digit classification.
- Built an Android app (**AI Sight**) that uses a Convolutional Neural Network for object recognition.
- Also worked on sentence similarity estimation using Natural Language Processing techniques for a Kaggle competition.

### WEB DEVELOPMENT PROJECTS

Developed a few websites, apart from my **personal website** — **WebsiteDzine**, **Krafterrz**, and **Ranad Pharma**.

## ACHIEVEMENTS AND AWARDS

- 2016 Stood 2nd among around 400 students in the Computer Science and Engineering department at my undergraduate university.
- 2013 Received the **Shining Star of the South** award by the Sindhi Federation of South India for my performance in the 12th grade.
- 2011 Honored by my school for standing 1st in the 10th grade.
- 2010 Head Boy of my school in the 10th grade.

## CERTIFICATIONS

- 2016 **Machine Learning** certificate by Stanford University on Coursera.
- 2016 **Introduction to Python for Data Science** certificate by Microsoft on edX.
- 2015 **HTML5** certificate by W3C on edX.
- 2014 **Business English Certificate (BEC-Vantage)** by the University of Cambridge.

## LINKS

Github: [My Machine Learning Projects](#)

LinkedIn: [Vikram Bajaj](#)

Twitter: [@vikram\\_bajaj](#)

Google+: [+Vikram Bajaj](#)