

# Pranav Gokhale

Pune, Maharashtra, India

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## EDUCATION

**PUNE INSTITUTE OF COMPUTER TECHNOLOGY** | July 2013 - Present

**B.E. IN COMPUTER ENGINEERING**

Expected graduation - June 2017 | Pune, Maharashtra, India

Aggregate: 73.13% | Upto 6th semester

## PROJECTS

**IMPLEMENTATION OF OPENCONTRAIL VROUTER IN USER SPACE BY BYPASSING THE KERNEL** | June 2016 - Present

- Selected amongst top 6 project teams out of 97 teams for the project sponsorship.
- Technologies used: OpenContrail, OpenStack, Snabb, C, Python, Lua

**FACE RECOGNITION USING SUPPORT VECTOR MACHINES** | January 2016 – March 2016

- Conducted a seminar on this topic
- Preprocessed the images in the dataset using Principal Component Analysis followed by training a model using Support Vector Machines
- Achieved a best precision of 87% in recognition of faces
- Technologies used: Python, Sci-kit learn machine learning library, Dataset used: labeled faces in the wild

**PRODUCT RATING AND REVIEW WEBSITE** | June 2015 - September 2015

- Platform to rate products - anything ranging from consumer products to digital media
- Calculated rating based on the review written by the user using sentiment analysis
- Technologies used: Ruby on Rails, Bootstrap, HTML5, CSS3, Javascript, MongoDB

## PUBLICATIONS

**APPLICATIONS OF CONVOLUTIONAL NEURAL NETWORKS** | September 2016

- A. Bhandare, M. Bhide, P. Gokhale, and R. Chandavarkar. "Applications of Convolutional Neural Networks." (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 7 (5) , 2206-2215, 2016. [\[Link\]](#)

## TECHNICAL SKILLS

### LANGUAGES

Proficient in: • C • C++ • HTML 5 • CSS3

Intermediate: • Python • Assembly

Experience with: • Java

### DATABASES

Experience with: • MySQL • MongoDB

### TOOLS/Frameworks

Experience with: • LaTeX • Git • Scikit-learn • OpenContrail

### SOFTWARES

Experience with: • Adobe Photoshop • Adobe Illustrator • Microsoft Office Suite

## INITIATIVES AND LEADERSHIP

### **PULZION '16** | August 2016

#### **DESIGN HEAD**

- Organized Pulzion - an annual technical fest of our college ACM student chapter
- More than 1000 students from all over Maharashtra state participated in our technical fest
- Led a team of 10 students and worked extensively with Adobe Photoshop and Adobe Illustrator for branding of the event - logo, poster, tshirt, flex designing

### **IMPETUS AND CONCEPTS '16** | March 2016

#### **ORGANIZER**

- Planned and executed Impetus and Concepts '16 which is a national project exhibition hosting 3000+ students and 200+ industry experts
- Part of the core organizing team and led the design team

### **PULZION '15** | August 2015

#### **ORGANIZER**

- Organized various technical events - like coding contest in which more than 400 students participated
- Demonstrated Google's VR through DIY Google Cardboard in front of a live audience
- By our constant efforts, we tripled the student membership in our ACM student chapter

### **PULZION '14** | August 2014

#### **VOLUNTEER**

- Part of a small team of 15 students that lead to the successful conduct of the first annual technical fest by our ACM student chapter

## ADDITIONAL INFORMATION

### **LANGUAGES**

- Fluent in 3 languages - Marathi, Hindi, English
- Elementary proficiency in German

### **SPORTS AND HOBBIES**

- Represented my high school Table Tennis team and won the Pune district level championship in which more than 60 high schools had participated
- Watching and playing soccer
- Drawing and Painting
- Road tripping