



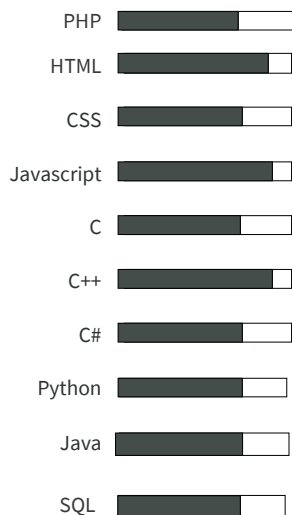
# RISHABH JAIN

Computer Science and Engineering Student at VIT

## Profile

Energetic and passionate college student working towards B.Tech in Computer Science and Engineering at VIT University. An innovative thinker, always curious about learning new skills. Leadership experience and specialisation in event management and coordination. Good networking skills and experience in working under pressure.

## Skills



## Personal info

### ADDRESS:

H-34/94, Sector-3, Rohini,  
New Delhi

### Date of Birth:

September 16, 1997

### Gender:

Male

### Nationality:

Indian

## Education

- DAV Public School, Pushpanjali Enclave, New Delhi**  
10<sup>th</sup> grade CBSE  
2011-2013  
**CGPA – 8.6**
- DAV Public School, Pushpanjali Enclave, New Delhi**  
12<sup>th</sup> grade CBSE  
2013-2015  
**Percentage – 83%**
- VIT University, Vellore, Tamil Nadu**  
B.Tech in CSE with specialization in Bioinformatics – Ongoing  
2015-2019  
**CGPA – 8.58 (up to 6<sup>th</sup> semester)**

## Work Experience

- Resala Charity Association, Cairo, Egypt / English Language Teacher**  
**December 2016 / January 2017**
  - Initiate, facilitate, and moderate classroom discussions.
  - Prepare course materials such as syllabus, homework assignments, and hand-outs
- Momentum Software, New Delhi / Software Development Intern - UI**  
**May 2017 / July 2017**
  - Modify existing software to correct errors, to adapt it to new hardware, or to upgrade interfaces and improve performance.
  - Developing a music player and song trimmer with fellow intern for a client, using technologies like Java, Java file handling and swings.
- AIIESEC IN VIT, Vellore, Tamil Nadu / Client Relationship Manager**  
**February 2017 / August 2017**
  - Confer with customers by telephone or in person to provide information about products and services.
  - Preparing pitch and handling the queries of incoming and outgoing Interns.
- Rotaract Club of VIT / English Language Teacher, Content Creator and Editor**  
**August 2017 / August 2018**
  - Digital Marketing – Making Videos and Posters for different events.
  - Prepare course materials and assignments for the kids at different NGO's.
  - Providing teaching services on holidays.
- Enbake Consulting Pvt. Ltd. / Software Development Trainee**  
**April 2018 / July 2018**
  - Working on middleware of an application that geocodes addresses.
  - Talking to clients and resolving there queries.
  - Working on algorithm engine and user interface of the application.

## Interests



Music



Camera



Coffee



Motorcycle



Drawing



Pets



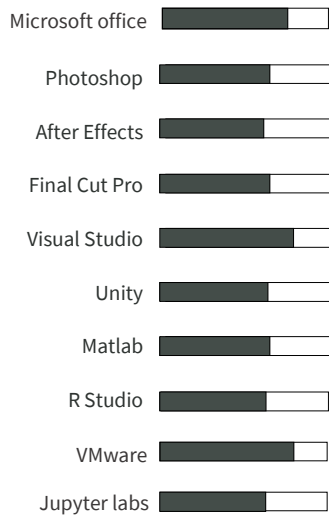
Books



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## Software



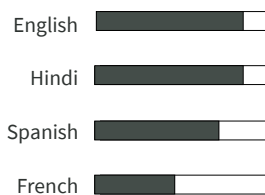
## Certifications

- **Technology Training with projects TCS: Core JAVA**  
Tata Consultancy Services  
June 2017
- **Deep Learning Specialization – Coursera**  
Deeplearning.ai  
April 2018
- **Python for Everybody Specialization – Coursera**  
University of Michigan  
May 2018
- **Machine Learning with TensorFlow on Google Cloud Platform Specialization – Coursera**  
Google Cloud  
June 2018

## Projects

- **Face detection and recognition using OpenCV**  
Face detection is being commonly used in household security systems nowadays. It proven to be quite effective over traditional security systems. In this project we talk about how to accelerate face detection and its usefulness in package delivery. We know that customers are not always present at home when the product needs to be delivered. To solve this problem amazon came up with amazon key. In this project we further provide idea and methodology to improve that technology. Amazon key is secured but it has still some flaws to it. The project discusses the same flaws and how to overcome them and aims to make the technology non-exclusive.
- **Wireless Weather Reporting System**  
A weather monitoring station measures various data and help us in studying the climate and the environmental conditions. In this project, we have presented a weather station that measures temperature, air pressure, rain drop, soil humidity and air humidity using Arduino which spare the information for information procurement. The information being procured is transferred to the cloud using Wi-Fi module ESP 8086 and analysed for further use.
- **Enhancing results for Content-based image retrieval using computational visual attention model**  
It is a very challenging problem to well simulate visual attention mechanisms for content based image retrieval. In this project, we propose a novel computational visual attention model, namely saliency structure model, for content-based image retrieval. We have evaluated the performances of the proposed algorithm on Corel Dataset. The experimental results clearly demonstrate an improvement in the results of computational visual attention model.
- **Blood Donation Management System**  
The purpose of this project is to develop a blood donation information system that helps any organization which conducts blood donations. It enables them to maintain an atomic database, where in they will be able to keep a track of each and every donation that is taking place through their organization. They can also keep a check on donors who have donated and the patient who have already approached the organization for donors. This project enables confidentiality, timely management and facilitates proper planning and decision making while handling cases.
- **Sequence Modelling and structuring using Machine Learning**  
The project aims to build models for natural language, audio, and other sequence data. Building and training Recurrent Neural Networks (RNNs) to apply sequence models to Natural language problems and audio applications. It also provides a case study on autonomous driving to detect road signs and traffic symbols in images.

## Languages



## Get in Touch



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