

# Varun Wachaspati J

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## EDUCATION

### BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI

B.E.(HONS.) IN COMPUTER SCIENCE  
Expected May 2017 | Pilani, Rajasthan  
Cum. GPA: 7.61

### SRI CHAITANYA KALASALA

STANDARD XII<sup>th</sup>  
Grad. May 2013 | Hyderabad  
Percentage: 96.6 %

### GOWTHAM CONCEPT SCHOOL

STANDARD X<sup>th</sup>  
Grad. May 2011 | Hyderabad  
CGPA: 9.80

## LINKS

Github:// [varunwachaspati](#)  
LinkedIn:// [varunwachaspati](#)  
Twitter:// [@varunwachaspati](#)

## COURSEWORK

Computer Graphics  
Computer Networks  
Information Retrieval  
Operating Systems  
Computer Architecture  
Object Oriented Analysis and Design  
Programming Languages  
Data Structures and Algorithms  
Design and Analysis of Algorithms  
Database Systems  
Microprocessor Interfacing  
Compiler Construction

## SKILLS

### PROGRAMMING

Intermediate :

C • Java • Shell • JavaScript • Ruby  
Python • Rails

Familiar:

C++ • OpenGL • CSS • PHP • Assembly  
MySQL • Prolog

## EXPERIENCE

### HEWLETT PACKARD ENTERPRISE

SOFTWARE ENGINEERING (R&D) INTERN

May 2016 – July 2016 | Mahadevapura, Bengaluru

- Developed testing framework SmokeDetector for Distributed File Systems AvatarFS® and AdvFS®.

### L.V PRASAD EYE INSTITUTE | SOFTWARE DEVELOPER INTERN

May 2015 – July 2015 | Hyderabad

- Developed DiagEye, eight open sourced diagnostic tools using javascript for the human eye which can model over 200 defects and outputs the corresponding diagnosis description of the patients. Website Link
- Designed numerous icons for eye defects and mock ups for visualization of defects aiding the simplification of user interface and experience of the tools.

### CONQUEST | SENIOR MARKETING ASSOCIATE

Jun 2015 – Sept 2015 | Delhi

- Maintained the Wordpress website and social media handles such as Facebook, Twitter and LinkedIn for the International Startup Conclave, Conquest.

## PROJECTS

### WhatsInTheVector

- A text retrieval system based on the vector space model using tf-idf weighing. Implemented in Python 2.7.

### StartupSphere

- A web based social network which connects budding entrepreneurs to potential students and mentors/alumni. Developed on Ruby on Rails Framework. Website Link

### TuneUp

- A movie recommender system based on collaborative filtering. Implemented in Python 2.7.

### Animal

- Created a 3 Dimensional Environment envisioning wildlife along with the rendering of movements on various keystrokes using OpenGL.

## VOLUNTEERING

### NATIONAL SERVICE SCHEME | BITS Pilani

- Devised a teaching methodology and developed content for Computer Literacy as per the needs of the rural children of areas near by Pilani.
- Micromanaged over 40 volunteers during events such as Blood Donation Camp, Junoon(Paralympics for children), etc.

## ACHIEVEMENTS

- Awarded the merit scholarship by Sri Chaitanya Educational Institutions for excellence in 10th Standard(AICSE)
- Awarded Scholar Badge award for excellence in academics by DPS,Bhilai
- Figured in top 0.2% in JEE MAIN, 2013
- Figured in top 7.5% in JEE ADVANCED, 2013