

Varun Wachaspati J

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EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI

B.E.(HONS.) COMPUTER SCIENCE
Grad May 2017 | Pilani, Rajasthan
Cum. GPA: 8.01

SRI CHAITANYA KALASALA

STANDARD XIIth
Grad. May 2013 | Hyderabad
Percentage: 96.6 %

GOWTHAM CONCEPT SCHOOL

STANDARD Xth
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 • Shell • JavaScript • Ruby
Python • Rails • Bitcoin Core

Familiar:

Ethereum • C++ • Java • OpenGL • CSS
MySQL • Prolog • Flask • ReactJS • ES6

EXPERIENCE

EDGEVERVE SYSTEMS LIMITED

MEMBER OF TECHNICAL STAFF (PRODUCT ENGINEERING)
Jul 2017 – Present | Electronic City, Bengaluru

- Developed and implemented Asset Tracking(Provenance) APIs on top of Bitcoin-Core(BlockChain)
- Developing Smart Contract capability on top of Bitcoin-Core.

DREAMWORKS ANIMATION | R&D INTERN

Jul 2016 – Present | ITPL, Bengaluru

- Built Data Visualization Plug-in using Flask and ReactJS for analyzing meta-data of the Farm(Data Center) Jobs and also worked on the heuristics to improve the scheduling and execution of the render jobs on Farm.

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.

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.

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.

ACHIEVEMENTS

- Served as Vice President of Center for Entrepreneurial Leadership,BITS-Pilani
- Figured in top 0.2% in JEE MAINS, 2013
- Figured in top 7.5% in JEE MAINS, 2013