VAGDEVI KOMMINENI

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ABOUT ME

A self motivated, inquisitive student, enthusiastic to discover various dimensions of the technical world.

EDUCATION

Indian Institute of Information Technology SriCity, Chittoor	*August 2015 - Present*
Junior Research Undergraduate	Overall GPA: 8.3/10

Department of Computer Science and Engineering   Sri Chaitanya Junior College, Vijayawada   2013 - 2015

Senior Secondary in M.P.C	Percentage: 97.9%
Sri Chaitanya Techno School, Gosala, Vijayawada	2012 - 2013
S.S.C	Grade: 9.8

TECHNICAL STRENGTHS

Computer Languages	C, Python, Javascript, HTML, CSS, MySQL
Software & Tools	Git
Operating Systems	Ubuntu
Frameworks & Libraries	Django,Tensorflow,Keras,web2py, Bootstrap, Numpy, NLTK,

TECHNICAL SKILLS

Deep Learning	Database Management
Software Engineering	Natural Language Processing
Machine Learning	Computer Vision

PERSONAL SKILLS

Communication Skills	Interpersonal skills
Project Management	Team Work
Leadership	

EXPERIENCE

Greatfour Systems, Hyderabad	May 2018 - July 2018
Research and Development Intern	

· Bestowed my skills for research and application development of the company.

IIITS, Chittoor	Jan 2018 - Present
Junior Research Undergraduate	

· Working as a Junior Research Undergraduate in the field of NLP and Deep Learning as part of my B.Tech(Honors) programme under Prof. Amitava Das.

IIITS, Chittoor	Aug 2016 - Dec 2017
Teaching Assistant	

· Information Technology Workshop under Dr. Nagesh Koalgani

· Database Management Systems under Dr. Uma Garimella

IIITS, Chittoor   Aug 2017 - Dec 2017

Project Module Lead

· Successfully lead the faculty module team of Software Engineering course and developed Attendance Management System using Software Engineering life cycles and principles for our institution

ACADEMIC ACHIEVEMENTS

Ranked in National Top 0.2% (amongst 1,400,000 candidates) in JEE Mains 2015.

Ranked in the State-wise Top 0.3% (amongst 1,000,000 candidates) in State level Engineering competitive Exam (EAMCET)

RELEVANT COURSES

C Programming	Data Structures
Artificial Intelligence & Machine Learning	IT Workshop and IT Systems
Software Engineering	Information Retrival and NLP
Operating Systems	Database Management Systems
Algorithms	Computer Vision

ONLINE COURSES

- [Machine Learning](#)
- [Neural Networks and Deep Learning](#)
- [Convolutional Neural Networks](#)
- [Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization](#)

PROJECTS

Aspect Identification in Codemix Data   January 2018 - Present

· Achieving aspect identification, the primary task of Aspect based Sentiment Analysis , on codemix data ,using Machine Learning and Deep Learning techniques. [NLP,ML,DL]
https://github.com/vagdevik/ABSA-Codemix

Language Modelling,Perplexity and CMI on Codemix data   August 2017 - November 2017

· Trigram, Bigram, Unigram perplexity and CMI analysis and the relation between Perplexity and CMI, all on codemix twitter data. [NLP]
https://github.com/vagdevik/NLP-Perplexity-CMI

Neural Artistic Style Transfer   February 2018 - Present

· A deep learning technique to fancily modify the content image by transferring the style of another image.[Computer Vision, DL]
https://github.com/vagdevik/Neural-Artistic-Style-Transfer
https://github.com/vagdevik/Computer-Vision

Deep Learning CNN - AndrewNg course   September 2017 - November 2017

· Built a DL model for car detection using YOLO Architecture, Face recognition classifier, SIGNS classifier using ResNet Architechture. [Python, Keras, Tensorflow, Numpy]

My Village
August 2017 - December 2017

· Implemented weather forecast and market price prediction algorithms. Social platform to broadcast the problems and find solutions.
https://github.com/vagdevik/myVillage-Django

Student Attendance Management System
August 2017 - December 2017

· Student Attendance and Faculty Assignment management system.[Django, Bootstrap,Javascript,HTML, CSS,Cesium]
https://github.com/vagdevik/SE2017

Mini Search Engine
November 2017 - December 2017

· This Search Engine gives the summary-accompanied results based on the tf-idf, phrase queries, cosine similarity techniques.[IR, Django, python and some other libraries]
https://github.com/vagdevik/Information-Retrieval

Extended Basic Calculator

· A mini project done as part of the compiler design course. It is like a modified mini prototype of the basic calculator(bc) of the linux terminal. It works like an interpretor.
https://github.com/vagdevik/Compiler-Design/tree/master/Extended_Basic_Calculator

Weather station
August 2016 - November 2016

· A visual weather portal that would work in real-time.[Web2py, Python, HTML, Javascript, Raspberrypi, Arduino, RF, WiFi and other temperature modules]
https://github.com/vagdevik/web2py-projects

Employee Management System

· Employee Management system using Database Management Techniques.

Simultor
Ocotober 2016 - November 2016

· Developed a Java based Simulator illustrating disk management algorithms with GUI Builder.[Java, GUI Builder]Developed a Java based Simulator illustrating disk management algorithms with GUI Builder.[Java, GUI Builder]
https://github.com/vagdevik/Simulator-OS

Route Planning Algorithms
January 2017 - April 2017

· Implemented and analysed the different run-times of shortest fast path algorithms using different data structures on real-time data.
https://github.com/vagdevik/Route_Planning

Urban Water Crisis
IIITS 24-hour Hackathon

· Developed a real-time visualization application to analyse and illustrate water crisis in the urban areas. [Django, Arduino, HTML, CSS, Javascript, Cesium]
https://github.com/vagdevik/Hackathon_2017_IIIT-Sricity

Object avoidance Robot with live video streaming
January 2017 - April 2017

· Developed a robot with live streaming feature which detects and avoids the objects on its way.[IOT, python, opencv]

Car Parking Lot   January 2016 - April 2016

· Developed a smart car parking lot prototype. [IOT, python, opencv]

SOCIAL LINKS

Portfolio: https://vagdevik.github.io/index.html
Github: https://github.com/vagdevik
Linkedin: https://www.linkedin.com/in/vagdevi-kommineni-427599114/