

G****V P****e

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

MASTERS IN COMPUTER SCIENCE
2019 - Dec(2020)
GPA: 4.0 / 4.0

COLLEGE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE
2010 - 2014 | India
GPA: 7.8 / 10

SKILLS

PROGRAMMING

Over 10000 lines of code

Python • Java • GoLang • Javascript

Libraries and Platforms:

• Flask • Docker • Kubernetes • REST
APIs • Ansible • Jenkins
Pytorch • Tensorflow • Scikit-learn •
Linux • Numpy • Pandas

Databases:

• MySQL • MongoDB • InfluxDB

COURSEWORK

GRADUATE

Machine Learning

(Research Asst)

Computer Vision

Deep Learning

Natural Language Processing

Deep Learning for Text

Human Computer Interaction

Data and Visual Analytics

Computer Networks

Graduate Algorithms

Information Security

UNDERGRADUATE

Data Structures

Algorithms

Discrete Mathematics

Operating Systems

Database Management Systems

LINKS

Github:// Ga*****de

LinkedIn:// Ga*****e Online

Portfolio:// ga*****e.in Open

Source:// O*****ht

EXPERIENCE

VMWARE | SOFTWARE ENGINEER INTERN

May 2020 – Aug 2020 | Palo Alto, USA

Member of **Hands on Lab: Technical Marketing** team.

- Design and build a hybrid recommendation system, which aims to recommend relevant labs/content to customers using a deep learning model: AutoEncoders - .
- Designed an automated system to translate thousands of lab manuals to different foreign languages using Google AutoML service - .

CISCO SYSTEMS | SOFTWARE ENGINEER (BACKEND APIs)

Nov 2016 – June 2019 | Bangalore, India

Member of **** team, solving complex network and software challenges using **Network Automation** .

- Developed various innovative features, use cases, proof of concepts, APIs for several products.
- Designed Traffic forecasting and dynamic threshold calculation using **time series analysis** such as ARIMA, Holt winter prediction using Cisco internal APIs.
- Presented technical tutorials at multiple **International developer conferences** like Cisco Live, Cisco DevNet Conference.
- Presented **demos and solutions** to customers directly to solve their business needs.
- Build core **backend APIs** for different products for deploying services based on Cisco's internal products like Network Service Orchestrator.
- Build **web portals in Flask** to showcase technical concepts and solutions to customers

OPENDAYLIGHT | OPEN SOURCE CONTRIBUTOR

Jan 2015 - Oct 2016 | Gurgaon, India

Open source Contributor: Software Define Networking **OpenDayLight- Distributed Controller**

- Authored and Proposed a project, **Cardinal** , to OpenDayLight community to build health monitoring system for a distributed controller. Also **Contributed more than 10k lines of code in OpenDayLight community** -
- Build **Micro services** based APIs to support all the features for a health monitoring system for a distributed controller.
- Organized and **led a team of 3-4 people** to manage the project and its contributions to the community.

GRADUATE RESEARCH | MACHINE LEARNING AND DEEP LEARNING

June 2019 - current | Atlanta, USA

- As a **graduate student researcher** , researched a project based on volumetric anomaly detection using higher-dimensional tensor analysis, time series analysis.
- **Image Denoising** : Explored Supervised (Deep Residual Networks) and Unsupervised ML technique (PCA) for denoising an Image - .
- **Automated Essay Scoring and detecting gender bias** in textual data using Bidirectional LSTM - .
- A comparison between various **Object detection** techniques like R-CNN, mask R-CNN, and YOLOv3 using MS COCO dataset- .
- Graduate Teaching Assistant for Fall 2020 **Artificial Intelligence** course -