Jaimin Maniyar

Deep Learning Software Engineer

Experienced Deep Learning Software Engineer with a demonstrated history of working in the semiconductors industry. Working on the development of AI application and content generation to validate hardware IP designed for AI. Skilled in Python, Machine Learning, Deep Learning, Python, Data Analytics. Strong human resources professional with a Master's Degree focused in M.Tech in Computer Science with Specialization in Big Data Analytics from VIT University.

Personal Info

ddress

S2, Buildafina Lumous, Harlur Road, Bangalore - 560103, Karnataka, India

Phone

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E-mail

maniyar7jaimin@gmail.com

Date of birth

07th September 1995

GitHub

https://github.com/maniyar2jaimin

WWW

http://jaiminmaniyar.in

LinkedIn

https://linkedin.com/in/maniyar2jaimin

Skills

Python (numpy, scipy, scikit-learn, opencv,matplotlib, pandas) — Advanced

R (caret, ggplot2) — Intermediate

Java (Collection Interface, RMI) — Intermediate

Machine Learning (SVM, XGBosst, Random Forest, Naive Bayes) — Advanced

Deep Learning (Caffe,Tensorflow, Keras) — Advanced

Statistics — Intermediate

Experience

May 2018 - present

Deep Learning Software Engineer, Intel India

- Working with AI Products Group. As a deep learning software engineer, my role revolves around developing an AI application to generate the content for various neural networks which will be further used in the validation of hardware IP designed for AI Inference. In my role, I also develop end2end application using different deep learning frameworks to validate the power and performance of different neural networks on hardware IP designed for AI inference.

July 2017 - Apr 2018

Graduate Intern Technical, Intel India

- As an intern I worked in AI Products Group where my work was focused on developing various functionality in the device driver for one of the hardware IP related to AI inference. I also worked on the Research project titled "Teach Machines to be creative: Video generation using GAN" during my internship.

Education

Jun 2016 - May 2018

VIT University (Chennai Campus), M.Tech, 2018

- M.Tech in Computer Science with specialization in Big Data Analytics with 9.12 CGPA out of 10
- Majors are Data Science, Machine Learning, Text Mining, and Deep Learning.
- I was a member of Data Analytics Club at VIT where I am responsible for research in field of Deep Learning as well as help other juniors to learn data science.

Jun 2012 - May 2016

Gujarat Technological University, Gandhinagar, B.E. ,2016

- Bachelors in Computer Engineering from VVP Engineering College, Affiliated to GTU
- with 8.41 CGPA out of 10
- Member of Novateur Club, responsible to teach new technology to juniors and conducting various technical event at state and National level technical events

Jun 2010 - May 2012

P. V. Modi School, Rajkot, 2012

- Secondary and Higher Secondary Schooling
- Get 73% in 12th Standard and 84% in 10th standard

Certificates

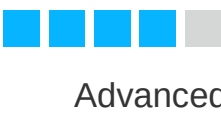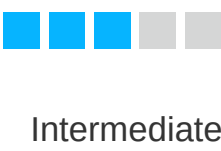|	
May 2017	Medical Image Analysis - NPTEL Certificates (IIT Kharagpur)
May 2017	Introduction to Machine Learning - NPTEL Certification (IIT Madras)
Oct 2016	Introduction to Data Analytics - NPTEL Certification (IIT Madras)

Data Anlytics

Advanced

Java Web Development (JSP, Servlet, JDBC, Struts2)

Advanced

Oracle Database

Intermediate

UI / UX (Bootstrap, jquery)

Intermediate

Languages

Gujarati - Mother Tounge

Native

Hindi

Fluent

English

Proficient

Japanese

Learning

Hobbies

Photography

Listing Music

Watching TV shows of NGC, Discovery

Web Surfing

Competitive Programming

Ethical Hacking

Publications

Apr 2018	TTVGAN: Teach Machines to be creative, Video Generation from Text using GAN
Dec 2017	Innovative Monitoring System for TeleICU Patients using Video Processing & Deep Learning
Apr 2017	LearnEase: Personalized Virtual School Environment Using Classifier Algorithm and Semantic Advisor-Assiting Framework

Accomplishment & Achievements

| Sep 2018 | Instructor and key designer for Level – 1, Level – 2 and Level – 3 AI & Machine Learning course running across all Intel sites in India. |
| Apr 2019 | Part of the onsite Power-on group sent for one of the major AI inference hardware power-on in Haifa, Israel. |