

Vivek Kuchibhotla

Always learning, Goal Driven and want to help solve problems of society with the knowledge



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15 May, 1999 📅

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EDUCATION

Bachelor of Engineering Bangalore Institute Of Technology

07/2016 – Present

Courses

- Computer Science and engineering

Intermediate(11th,12th) Sri Chaitanya Junior College

06/2014 – 06/2016

93.4%

Courses

- MPC(Andhra Pradesh State Board)

PERSONAL PROJECTS

Research Paper on RBFNN (05/2019 – Present)

- Working on implementing and improving a research paper on an algorithm called bat to improve RBFNN. This reduces the training time and complexity of the neural network while giving great performance.

Research paper on Machine Learning (11/2018 – 03/2019)

- A research paper that helps in improving the performance of machine learning models using reinforcement learning. This prevents the neural network from getting stagnated at a point and helps it learn better strategies faster.

E-commerce website using Django framework (11/2018 – 12/2018)

- Built a website using python based django framework as the connector and postgresql as database.

Gender Detection Android App (10/2019 – 10/2019)

- Built a keras model to detect gender of the person in the photo clicked and converted it to TensorflowLite model and integrated it into an android app for edge computing (so the app works without internet).

WORK EXPERIENCE

Software Engineering Intern Zscaler

01/2020 – Present

I worked on the web proxy building team of zscaler with live traffic.

SKILLS

Python

Java

Machine Learning

Tensorflow

Deep Learning

Blockchain

Information Security

Cryptography

Influence

Management

Database

Networks

Computer Architecture

ACHIEVEMENTS

Best research paper award

Best Research paper award in an international conference. Paper on network security(prevention of ARP poisoning) link for paper: tiny.cc/vivek_paper1 link for certificate: tiny.cc/vivek_cert1

General Secretary of BIT YES!+ club (09/2018 – Present)

Started and currently leading Yes!+ club in college for development of students in technical, spiritual, personal aspects. The club consists of about 150 students currently

Top 1% in npTEL course

Got 81% in a course on information security conducted by NPTEL(IIT Madras) And am in the top 1%.

CERTIFICATES

Design and analysis of Algorithms (05/2017 – Present)

From IIT Madras(NPTEL). Secured an Elite Certificate in the course

Cryptography and Network Security (05/2017 – Present)

From IIT Kharagpur(NPTEL). Secured an Elite Certificate in the course

Information Security (05/2017 – Present)

From IIT Madras(NPTEL) secured 81% (top 1%)

Machine Learning (07/2018 – Present)

Stanford University(Coursera)

Intro to Tensorflow (10/2018 – Present)

From Google Cloud (Coursera)

Deep Learning (10/2018 – Present)

From IIT Madras(NPTEL). Secured an Elite Certificate in the course

Blockchain design and use cases (10/2018 – Present)

From IIT Kharagpur(NPTEL)

Yes!+ workshop

The Art of Living's flagship personality development program for youth

Information Security-5 (03/2019 – Present)

From IIT Madras(NPTEL). Secured an Elite Certificate in the course.

INTERESTS

Artificial Intelligence

Physics

Network Security

Reading

Philanthropy

Video Games