

# Manthan Keim

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## EDUCATION

### PURDUE UNIVERISTY

MS IN TLI

Expected May 2023 | IN, USA

### MAIT, GGSIPU

B.TECH IN COMPUTER SCIENCE

Grad. May 2021 | New Delhi, India

CGPA: 7.8

## LINKS

Github:// [manthankeim](#)

LinkedIn:// [manthankeim](#)

Portfolio:// [Manthan](#)

Twitter:// [@manthankeim](#)

Medium:// [@manthankeim7](#)

## COURSEWORK

### GRADUATE

STAT 501 - Exp. Statistics I

ECE 570 - Artificial Intelligence

TLI 520 - Found. of Innovation Studies

## SKILLS

### PROGRAMMING

Over 5000 lines:

Python • C++ • JavaScript • C

HTML • Python • CSS •  $\text{\LaTeX}$

Over 1000 lines:

Swift • MATLAB • React • PHP •

Assembly

Familiar:

Java • iOS • Android • MySQL

## OPEN SOURCE

### COALA

Clear communication and

Documentation Skills

Basic Git and Bash

### MICROSOFT

One of the first 100 contributors

Documentation in Visual Studio Code

Docs

### OPENCV

Fixed a broken link and typo

Familiarity with PyCharm IDE

### COVID-19 TRACKER APP

Installed on local environment

Updated Donut Chart

## EXPERIENCE

### DINEOUT(PARENT: TIMES INTERNET) | STUDENT FELLOW

September 2019 - November 2019 | Noida, UP, India

- Organized 'TEDxMAIT' under the sponsorship of Dineout.
- Surveyed North West Delhi Operations of Dineout Restaurants.

### MYWAYS, IIT DELHI | DATA MINING INTERN

August 2019 - September 2019 | New Delhi, India

- Developed Scraping scripts to mine over 10K rows of data.
- Responsible for cleaning the collected data with Python.

## PROJECTS

### EASAY (ONGOING) | AUGUST 2020

Minor research project to find the safest transit route for citizens during transit especially at night. This application employs clustering and relative analysis to determine the safest path of all.

- Technologies used: JavaScript, Python, Selenium, HTML, CSS

### REDDIT FLAIR DETECTOR | SEPTEMBER 2019

Web App developed to detect the Flair using Machine Learning algorithms.

Web Scraping of over 2K posts, for visualization and training the model.

- Technologies used: Python, Flask, Pandas, Numpy, Seaborn

### COVID-19 LEARNER GAME | JUNE 2020

Concentration game to teach kids or anyone basic rules about COVID-19 prevention and sharpen brain memory.

- Technologies used: Swift, Gameplaykit, AVFoundation

### SOCIAL DIGGER | MARCH 2019

Web App developed on Flask framework to search people on social media platforms viz. Facebook, LinkedIn, and Twitter through their name and professional photograph.

- Technologies used: Python, Flask, Pickle, Numpy, Face Recognition

## AWARDS

2021	In-person Conference in LA	KubeCon North America 2021 Scholarship
2020	The Linux Foundation	Open Source Summit Scholarship
2019	1st runner up	Smart India Hackathon 2019 Team 'MRDOTAPP'
2019	1st runner up	GirlScript India Hackathon, Microsoft

## POSITION OF RESPONSIBILITY

2020	ACM	Student Member
2020	Microsoft	Microsoft Student Partner 2020-2021
2019	Hack Club MAIT	Founder/President
2019	TEDx MAIT	Sponsorship Management Team
2019	Institute Innovation Council	Member
2018	Microsoft	AI Rockstar
2018	Dell Campassador	MAIT Dell Ambassador
2017	Leaders for Tomorrow (NGO)	Team Member