# Mayur Patil

Problem Solver . Innovator . Collaboration Enthusiast

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## EDUCATION

**BE (Computer Engineering)** – *Pursuing.*

Shrama Sadhana Bombay Trust's College of Engineering and Technology. CGPA: 7.26/10

**Diploma (Computer Engineering)**

Smt. Sharchchandrika Suresh Patil Institute of Technology. Percentage: 80.19

**10th SSC**

Smita Patil Public School.
Percentage: 77.6

## PROJECTS

**1. A* Path Finding Visualizer.** *(python)*

Personal Project.

A GUI build with pygame module to demonstrate the working of Artificial Intelligence pathfinding algorithm A*.

**2. Kissing Bug.** *(python, php, shell script)*

Collaborative Project. (Forks: 3)

Kissing Bug is a cyber security project with cracking and hacking functionalities in conjunction.

- Spying on the target using his\her smartphone selfie camera.
- A Keylogger that logs keys, records audio, takes screenshots at intervals, encrypts and sends them to the hacker's email.

**3. Homomorphic Encryption.** *(python, Machine Learning)*

Collaborative Project.

Big data privacy using homomorphic encryption. Integration of machine learning cut the amount of work by 60% approximately.

Worked on a research paper:
https://ieeexplore.ieee.org/document/7976775

## SKILLS

**Language:** python,LaTeX.

**IT Constructs:** Data structures and algorithms, OOP.

**Tools:** Visual studio code, unity3D, pycharm, jupyter notebook.

**DB Language:** Sql.

## ACHIEVEMENTS

**Hacktoberfest 2020:**

Recognized as one of the 70,000 open source developers by Intel, Digital Ocean, Dev and Github.