Kshitiz Kamal

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EDUCATION

MNIT JAIPUR
BTech in Civil Engineering
May 2022 | Jaipur, IN
CGPA: 8.9 / 10.0

LITTLE FLOWER SCHOOL
ISC
May 2018 | 97.5 %
ISCE
May 2016 | 95.0 %

POSITIONS

ZINE | Robotics Group
Core Team Member
Responsibilities:
• Organize Workshops
• Participate in techfests

SPHINX'19 | College Techfest
Lead Designer

LINKS

Github:// **KKshitiz**
LinkedIn:// **Kshitiz Kamal**
CodeChef: // **skilite007**

SKILLS

TECHNICAL SKILLS
Proficient:
C++ • C •Python3 • Git
GitHub • HTML5 • CSS
JavaScript • Bootstrap
Familiar:
• Deep Learning
• Flutter • Firebase
• Node.js • Linux

CO-CURRICULAR

INTERESTS
App Development
Web Development
Designing

HOBBIES
Blogging and Writing
Reading books
Learning Spanish

TECHNICAL PROJECTS

ALGORITHM VISUALIZER | Python Desktop App
April 2020 Link
- Developed a Desktop app using Python3 and Tkinter GUI library to visualize various sorting and searching algorithms.
- **Features:** Randomized sample data generation, sample size and step-delay slider, 8 algorithms covered.

CORONA-SCRAPER | Python Web Scraping App
April 2020 Link
- Desktop app to display real-time information related to the COVID-19 pandemic.
- **Features**: Country wise data sortable by various fields, saves data for offline use, supports widget mode for easy access.

JARVIS | Personal Virtual Assistant
April 2020 – Current Link
- Personal assistant made in Python capable of responding to user's voice and perform tasks.
- **Features**: Chatbot capabilities, Computer Vision features like Face Recognition and Object Detection, fetching weather data and calendar events using API calls, TTS and STT, system utility functions.

COMPUTER VISION AUTONOMOUS BOT | Arduino Robotics
Dec 2018 – Jan 2019
- Built an image processing robot capable of traversing in a lane while detecting glowing LEDs on its way and deciding its path according to the frequencies of the blinking LEDs.
- Controlled by Arduino Nano microcontroller board.

ACHIEVEMENTS

July 2020 — **HackJaipur Hackathon Winner** among 2200+ participants, organised by GitHub and MLH

April 2020 — **Second runner up in Techsoquiz** Aptitude Quiz amongst Second Year students of my college

Jan 2019 — **Manual Robotics Competition Winner**, Techfest IITKGP amongst 100+ teams

May 2018 — **ISC Board Gold Medalist** and **INSPIRE-SHE** scholar

COURSES

COURSERA

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
- Using Python to Access Web Data
- Learning How to Learn: Powerful mental tools to help you master tough subjects

UDEMY
- The Complete 2020 Flutter Development Bootcamp with Dart
- The Complete 2020 Web Development Bootcamp