GHANMOHAN DANGI

+91 9868965844 | ghanmohan02dangi@gmail.com | LinkedIn | GitHub | Codechef | Portfolio

EDUCATION

- Delhi Technological University (formerly DCE) | New Delhi, India
  Bachelor of Technology in Electrical (GPA 9.65/10)
- Ryan International School | New Delhi. India
  All India Seniors School Certificate Examination (92.2%)
  All India Secondary School Examinations (94.4%)

TECHNICAL

- **Languages:** C++, Python, HTML, CSS, JavaScript, Go, Haskell ● **Libraries:** OpenCV, Numpy, Matplotlib, Pandas, Rospy
- **Frameworks**: TensorFlow, Keras, Docker, JSON, ROS,
- **Software:** SQL Server, Eclipse, IntelliJ IDEA, Visual Studio, Git, PyCharm
- **Operating Systems:** Windows, Ubuntu/ Linux, Mac ● Databases: MSSQL, MySQL, MongoDB

WORK EXPERIENCE

USIP | DTU, New Delhi
Web Development Intern
- Improved the bugs in college present library website
- Helped in designing upcoming library website
- Wrote Blog for the website

PROJECT CLAP | New Delhi, India
Graphic Designer Intern
- Changed the navigation bar functionality and made the tile for another section of the website to improve the aesthetics of the website
- Designed poster for Website and other programs

PROJECTS

- **To-Do-List** | *Go Lang and React* | [Link]
  - Integrated go and react to develop a to-do list
  - Backend(server) is made with the help of Go.
  - Outline or Frontend is developed using React.

- **Image Captioning** (Image, Text processing and Deep Learning) | [Link] | *LTSM, Keras, Numpy, Pandas, OpenCV, Google Colab*
  - Modelled a pipeline to generate captions for any real-world image. Model was trained on the Flickr-8k Dataset

- **Mars Rover** | GUI and CAMERA | [Link] | *ROS, python, tkinter, Numpy, Matplotlib, PyQt 4, PyQt 5*
  - Launch files of cameras integrated with OpenCV and cvbridge were used to get feedback
  - GUI was created to see different cameras, launch various files to be used in mars rover and to stop the functioning of the rover (through the GUI only)

- **Robotic ARM** | [Link] | *ROS, python, NumPy*
  - Inverse kinematics was used on robotic arm of the mars rover in which initial positions were given through controller and python code

AWARDS/ACCOMPLISHMENTS

- Maximum CodeChef Rating 3 stars (1709)
- Fellowship Awarded (Class of 1959)
- Reached 2nc Level of Philips Computer Vision Hackathon
- Won E-Hack for presenting and simulation of robotic arm for COVID testing autonomously
- Ranked 672 globally in CodeChef Starters contest

EXTRA CURRICULAR ACTIVITIES

- Member Software Department Team Inferno DTU
- Member CodeChef chapter DTU