

# Ramanand Kumar

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**OBJECTIVE:** Looking for highly competitive environment for active learning and Wanted to work with highly motivated peoples.

## EDUCATION

- National Institute of Technology, Uttarakhand B.Tech (CSE) CGPA - 8.23(upto 6<sup>th</sup> sem) (2018-2022)

## TECHNICAL SKILLS

- Technical Domain: Machine Learning | Deep Learning | Data Structure and Algorithm | Web Backend
- Programming languages: C, C++, Python
- Database languages: SQL, MongoDB
- Web Development: HTML, CSS, JavaScript, JSON, NodeJS

## PROJECTS [\(Github\)](#)

- CREP:** Automation of College Registration and Enrollment Portal.
  - Team Size: 3 members ( **UI design**, frontend and backend ) (JAN 2021 – MAY 2021)
  - Tech: Adobe XD, NodeJS, MongoDB, ExpressJS, ReactJS
  - Role: Designed the user interface for the website that is being hosted at college domain.
- JobAbility:** Job portal for PWD with Call-Bot facility.
  - Team Size: 3(call-bot, frontend and backend) (MAR 2021, MAKEATHON3077)
  - Tech: NodeJS, MongoDB, ExpressJS, ReactJS, Twilio
  - Role: Designed a call-bot to handle request of blind peoples.
- Denoiser:** Neural Network AutoEncoder for removing noise from images.
  - Team Size: 1 (SEP 2020, GUIDED)
  - Tech: Python, Keras, numpy, matplotlib
  - Role: Designed and developed a neural Network to remove noise from digital image.
- uReso:** Neural Network AutoEncoder for enhancing the resolution in images.
  - Team Size: 1 (SEP 2020, GUIDED)
  - Tech: Python, Keras, numpy, matplotlib
  - Role: Desinged and developed a neural Network to increase the resolution of digital image.
- Digit recognition:** Neural Network for recognition of handwritten digits using Convolutional Neural Network.
  - Team Size: 1 (JUL2020 - FEB 2021)
  - Tech: Python, Keras, numpy, matplotlib
  - Role: Designed and developed a neural network and increased its accuracy from 70% - 99.5%.
- Animal Classification:** Neural Network for classification on CIFAR-10 dataset.
  - Team Size: 1 ( JUL 2020 – AUG 2020)
  - Tech: Python, Keras, numpy, matplotlib
  - Role: Designed and developed a neural network to increase its accuracy from 73%-95%.

## INTERNSHIP

- SAMSUNG Research India - Bangalore ( JUL 2021 – DEC 2021)

## CERTIFICATIONS

- Data Structures & Algorithms - *Coursera* ( SEP 2020 – JUN 2021)
- Crash Course on Python - *Coursera* (OCT 2020 – NOV 2020)
- Sequence Model - *Coursera* (SEP 2020 – NOV 2020)
- Convolutional Neural Network - *Coursera* (AUG 2020 – SEP 2020)
- AI for Medicine (Specialization) - *Coursera* (MAY 2020 – AUG 2020)
- MDCIM ( Master Diploma in Computer Information and Management) – *Excel Net* (JUN 2014 – MAY 2015)

## ACHIVEMENTS

- Won second prize in **Business Idea** at NITUK. ( SEP 2019)
- Got selected for FFE's scholarship for B.Tech duration (2018-2022)
- Got State Govt. merit scholarship in class 10<sup>th</sup>. ( JUNE 2015)

## EXTRA CURRICULAR

- Participated in Makeathon3077 (24h hackathon, organized by Thapar university, Punjab) ( 5 MAR 2021)
- Participated in Hackccelerate 2020 ( 24h Hackathon, organized on Hackerearcht) (16 OCT 2020)
- Participated in 400m Inter NIT Athletics championship ( JAN 2019)