# Sandeep Kr. Sharma

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## 🎓 Education

- **Galgotias University,** GREATER NOIDA, UP, INDIA
  **B-Tech (CSE** *specialization In AI/ML***) -2021**
  - ***Current GPA: 8.8 CGPA***
- **SKD Academy**, LUCKNOW, UP, INDIA
  **XII (Senior Secondary)** CBSE Board **-2016**
  - ***Percentage: 80%***
  **X (High School)** CBSE Board **-2014**
  - ***GPA:* 10 CGPA**

## ▓ Skills

- **Technical Competencies**
  - **Programming Languages:** C/C++, Python, Java(core)
  - **Web Technology:** HTML, CSS, Bootstrap, Materialize, JavaScript(ES6), ReactJS, Database
  - **Cloud:** AWS, GCP, Azure | **AI-ML**
  - **Other skills:** Github, Data, AoG, Alexa, Scilab, Arduino
- **Soft Skills**
  Social and Personal Competency • Interpersonal Skills • Collaboration • Time-Management • Adaptability

## 💼 Technical Experience

- **Web and Cloud Engineering Intern**
  **TSAW, UP** JUNE 2020 - AUGUST 2020
  - AWS Lex chatbot building and web integration
  - Managing & deploying AWS services
- **Data Analytics & ML Intern**
  **Verificient Technology, Pune** APRIL 2020 - JUNE 2020
  - Identity verification by utilizing Machine learning, computer visioning, and biometrics data on web based platform.
- **Software Engineering virtual internship**
  **JPMorgan Chase,** APRIL 2020
  - Practical skills learned: Python, Git, and Programming including React, Typescript, and web applications.
- **Telecom and Network Training**
  **BSNL, Lucknow, UP,** JUNE 2019
  - Learned about different devices and components utilized in communication including field visits to offices and telephone exchange/control rooms etc.

## 🖾 Projects

- **Route Planner for Street maps (C++):** Use of A* search algorithm to plan the effective route.
- **Alert System for drivers:** The project focuses on the safety of driver by alerting him for some obstacle detected.
- **Social distancing and crowd density distribution system:** Computer Vision and NLP based system curated to perform crowd density distribution and social distancing

management. *(Scopus indexed journal: under publication)*

## ⚗ Publications / Research

1. Impact of Application of Big Data on Cryptocurrency.Ch10
2. Green ICT, Communication, Networking, and Data Processing. [Springer- Scopus]
3. Impact of Green Computing in Shaping Education.
4. "Robotics, AI and IoT In Defence" Scrivener Publishing LLC WILEY *(under Publication)*
5. "Techniques of robotics for automation using AI & IoT" Publisher: WILEY *(under publication)*
6. "Artificial Intelligence based systems for combating COVID-19 " Publisher Springer *(under publication)*

## 🏆 Achievements & Co-curricular Activities

- **Bertelsmann Scholarship for Cloud Category-** Udacity
- **Cloud & AI/ML Mentor** in summer with DSC program
- **Speaker DSC-GU Google Cloud Day-** September 2019
  *Topic:* Google Cloud ML Engine with Qwiklabs hands-on.
- **Recognized** by Girlscript summer of code**. -** 2018
- **Campus Leader** Campustry Club, Future Set**, Coordinator** Iris (Robotics) Club **GU.**
- **Volunteered** in the events organized by **GDG/GCDC, DSC and Conducted workshops/seminars.**
- Participated in NASA space Challenge Pre **Hackathon,** Smart India hackathon and qualified 1st round.
- **GCP Quest Leader • Cloud Hero Smart Analytics, GCP Qwiklabs** and open source **contribution.**
- **Published a multilingual actions (skills) on "Action on Google"** and won Google Home from Google.

## 🎖 Trainings / Certifications

- **Microsoft AI Classroom Series,** Jan-2021
- **AWS Fundamentals: Going Cloud-Native,** Sep-2020
- Technical Support Fundamentals-**Google**, Jan 2020.
- **GCP crash course** by DSC JIIT Data Science - IBM, Oct 2019
- Workshop in Deep Learning - **Bennett University** Aug-18
- Machine Learning with TensorFlow on Google Cloud Platform Specialization - **Coursera**, Jul 2019
- GCP Fundamentals: Core Infrastructure - Feb 2019
- Google Analytics for Beginners - **Google,** Mar 2019
- How Google does Machine Learning - **Coursera** Mar 2019
- Machine Learning - **Stanford University online**, Mar 2019
- Networking in GCP: Defining and Implementing Networks - **Coursera**, Issued Mar 2019
- Art and Science of Machine Learning - **Coursera,** Apr 2019
- Kubernetes in the Google Cloud - **Qwiklabs,** Apr 2019