
EXPERIENCE

Summer Intern	LeanKloud Solutions Pvt Ltd	April 2020 – June 2020
<ul style="list-style-type: none">• Implemented sanity checks for new Amazon AWS Customers.• Designed sanity checks for MS Azure clients.• Automated sanity checks and metric collection using AWS Lambda.		
Winter Intern	Admatic Solutions	October 2019 – December 2019
<ul style="list-style-type: none">• Created a gesture recognition ball using GRT and ESP32.• Designed computer vision applications for teaching aids.• Implemented OpenAI-Gym based air-hockey playing agent.		

EDUCATION

Chennai, Tamil Nadu, IN	SSN College of Engineering	2017 – 2021 (Tentative)
<ul style="list-style-type: none">• Pursuing B.E. in Computer Science and Engineering.<ul style="list-style-type: none">– 8.3 / 10 CGPA (5 / 8 semesters) - Anna University.– Member of Competitive Coding Club, Google App Development Club– Representative in The Class Committee Group		
Udhampur, Jammu Kashmir, IN	Kendriya Vidyalaya No. 1	2005 – 2017
<ul style="list-style-type: none">• 89.4 / 100% (class 12th) - Central Board of Secondary Education<ul style="list-style-type: none">– Physics, Chemistry, Mathematics, Computer Science• 10 / 10 CGPA (class 10th) - Central Board of Secondary Education		

TECHNICAL SKILLS

Programming

• Python • C++ • C • Java • HTML • SQL • Assembly • \LaTeX •

Hardware

• ESP32 • CC3D • Arduino •

Platforms

• AWS • ESP-IDF • Android • MySQL • OpenPilot • Arduino IDE •

ADDITIONAL COURSES AND CERTIFICATION

- **Deep Learning Specialization:** (ongoing) deeplearning.ai
- **Algorithm Design:** Penn MOOC
- **Machine Learning:** Stanford MOOC.
- **Data Science Methodology:** IBM.
- **AI on the Edge:** (introductory) Intel.
- **Spanish Level A1 equivalent:** InAWord Chennai.

POSITION OF RESPONSIBILITY

Organizer**Invente 2k19****SSN Annual Tech Fest**

- Problem setter for Data Structures and Algorithms path of Technical Quiz.

Education Volunteer**Defence Expo 2k18****International Exhibition**

- Single point of contact in American Pavilion.

School Captain**K.V. No. 1, Udhampur****Student Body**

- Elected head of the Student Body.

AWARDS

- **Recipient of Full Waiver Scholarship for Bachelors Degree** - from All India Council of Technical Education.
- **Certificate of Honor:** National Winner of Gurutsav 2014 - from Dept of Human Resource Development, Govt of India.
- **Certificate of Appreciation:** Part of team representing Jammu Region in the finals of National Science Congress - from Dept of Science, Govt of India.

PUBLICATIONS

- **Fossil Fuel Emission Prediction System** - Predicted the future CO2 emission in various countries based on historic trends; using various machine learning techniques on the CDIAC dataset, Oak Ridge National Laboratory
 - Paper presentation in International Conference on Recent Trends in Clean Technologies for Sustainable Environment (*CTSE*), September 2019
- **Bot Assisted Software Development** - Concept of a system to structure and catalog program code snippets, such that a bot could read that catalog, understand the working and behaviour of a code block, and fetch it when the programmer needs related or same functionality
 - Published in *IJITEE* (Scopus Indexed) - view here
 - ISSN: 2278-3075, Volume-8 Issue-6S, April 2019