ROCHAK SAINI
Machine and Deep Learning Engineer

Email: rochaks001@gmail.com   Github: TheRochVoices
Mobile: +91-8685026577   Linkedin: therochvoices

EDUCATION

BML Munjal University   **2015-2019**
B.Tech in Computer Science & Engineering
CGPA: 8.6

GBS Public School, Mustafabad   **2015**
Intermediate with PCMB
Percentage: 85.4

EXPERIENCE

ParallelDots

Data Science Associate   *June 2019-Present*
- Training and deploying various deep learning architectures for classification, detection, and segmentation in the retail domain.
- Working on cutting-edge, and latest research papers, libraries in the AI domain like torchserve etc.
- Deploying pipelines on GCP, AWS, and Azure.

Syscloud

Software Engineering Intern   *Jan 2019 -May 2019*
- Writing scripts to completely automate the testing process of the company's platform, and other redundant tasks to improve the efficiency of the teams working on the product.

ZestIoT Technologies

Intern   *June 2017-August 2017*
Remote   *August 2017-Sept. 2017*
- Developed modules for the home automation product of the company using ESP32.
- Worked directly on the ESP-IDF to unlock the capabilities of Espressif's microcontrollers.

PROJECTS

- Designed a **Reinforcement Learning algorithm** to efficiently route packets in constrained and dynamically changing networks.
- Made a **Self-Driving car** with a team of 5 people. The model was deployed on a Raspberry Pi and trained to follow the road strips.
- Designed a **Smart-Surveillance System** that transmits video footage over a network only when some movement is detected, saving disk space and network usage.

SKILLS

- Programming   C, C++, Python, Shell, php.
- Cloud services   AWS, GCP, Azure.