Mohammed Adnan Jakati

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in /adnanjakati

Education

08/2018 – present	**B.E. Electronics and Communication,** *KLE Technological University, Hubli* Current CGPA: 8.12
04/2017 – 03/2018	**AISSCE,** *Kendriya Vidyalaya No.1, Vasco* 83.8%
04/2016 – 03/2017	**SSLC,** *Kendriya Vidyalaya No. 1, Vasco* CGPA: 10

Professional Experience

08/2020 – 07/2021	**Student Research Intern,** *Samsung Research Institute Bangalore* Generated dataset and trained a model to classify facial emotions and gestures.
05/2021 – 07/2021	**Cybersecurity Intern,** *Cisco networking academy* Designed a secure network for our institute using cisco packet tracer.

Skills

Teamwork Problem solving **Programming** (C/C++, Python, JAVA) **Machine Learning**

Networking **App development** (Android Native, Flutter, WEB) Cybersecurity Linux

Projects

08/2021 – present	**XAI - Explainable AI,** *Research Initiative* Working on neural networks and their interpretability, Ongoing work
08/2020 – 07/2021	**Facial emotion and gesture classification,** *Research initiative* Built a classifier that classifies facial emotions using facial keypoints
11/2019 – present	**Notebyte,** *Personal Project* ⬈ Developed an android app that provides notes for engineering students, built using **Flutter** and **GCP** for database management and file storage.
09/2021 – 10/2021	**Remote surveillance system,** *Embedded Linux* Created a surveillance system that detects and monitors face on remote devices and triggers events based on face state. (TCP/IP, P2P, AWS EC2 and ML)
01/2019 – 05/2019	**Bar bending bot,** *Engineering exploration* ⬈ Designed and built a bot using Arduino,that bends a copper wire into 3 different shapes.

Certificates

Android App developer
Udemy
UC-LFC7V932

Cybersecurity Essentials
Cisco networking academy

C++ for C programmers ⬀
University of California, Santa
Cruz, Coursera

Participations

MBRDI connected cars platform hackathon
Created an HTTP API using AWS API Gateway and lambda functions.

Bosch AI hackathon 2021, *semi-finalists*
Developed a model to detect objects from the perspective of a cleaning bot.

Interests

Sports (Cricket, Football)
Played cricket at the regional
level for school.

Rubik's cube
Personal record solve (3X3) : 23 s

Ethical Hacking
Did a course by Zaid Sabih from
Udemy, practised ethical hacking
in a safe environment.

Languages

- English
- Hindi