August 6, 2023

Raghav

raghavsingla327@gmail.com | +91-9518073978 | 209/2 Ward no.6 Vikas Nagar Gohana Sonipat Haryana India 131301 |
linkedin.com/in/raghav-singla-78a926215/ | raghav-bell.github.io

EXPERIENCE

- **Business Analyst, Udaan.com** *Jan, 2022 - Jul, 2022*
  Improvished retention analysing workflow.
  Applied various statistical techniques like A-B testing, Bayesian statistics.

PROJECTS

- **graby crate**
  A simple implementation of grep in rust and published on crates.io
- **Micro-ElectroMechanical Systems (MEMS) based piezoresistive pressure sensor**
  A silicon diaphragm based piezoresistive pressure sensor.
- **Programmable Photonic Integrated Circuits**
  Designed 8×8 *MZI based triangular multiport interferometer.*
- **NASA Space App Challenge 2022**
  Analysed the seismic waves on moon data collected during NASA's Apollo missions to classify various moonquakes.
- **Bolt meets Quantum**
  Simulated Superdense Coding quantum protocol on Bolt Internet Of Things wi-fi module.

AWARDS

- **Semi-Finalist at Hyundai Social Creator-2021** *Mar, 2022*
  One of the top 25 ideas among the 530 ideas submitted nationwide.

EDUCATION

- **National Institute of Technology(NIT) Kurukshetra, India** *Jul, 2019 - Jun, 2023*
  Bachelor of Technology (B.Tech), ECE CGPA: 7.9451

KEY SKILLS

- **Programming:** Python3, Bash, SQL, C, Verilog, Rust, Qiskit, LaTeX. **Software:** Jupyter notebooks, Iverilog, Git, Nano, Vim. **Hardware:** Arduino UNO,Bolt IOT wi-fi Module. **Technological Domains:** Quantum Computing, Machine Learning, Internet of Things, Penetration Testing, Integrated Photonics.

CERTIFICATIONS

- **Deep Learning with Tensorflow** *Jun, 2023*
  Issued by IBM Skills Build
- **Penetration Testing and Ethical Hacking** *Mar, 2023*
  Issued by Cybrary
- **Qiskit Global Summer School 2022 - Quantum Excellence badge** *Aug, 2022*
  Issued by IBM
- **Google IT Automation with Python** *Jul, 2022*
  Issued by Coursera & Google
- **Google Data Analytics** *Jun, 2022*
  Issued by Coursera & Google
- **VLSI SoC Design using Verilog HDL** *Jun, 2022*
  Issued by Maven Silicon