CHARUDATTA KORDE
Engineer

✉ korde.charudatta@gmail.com
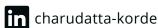📞 8275381582

📍 1055, Gurprasad Primior Bairo
Santacruz Tiswadi Goa 403005
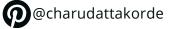
 charudatta10

in charudatta-korde

ID 0000-0003-0055-4997

⊙ charudatta10

℗ @charudattakorde

EDUCATION

- **PhD in VLSI**
  2018- Present | NITG
  Hardware acceleration of AIML algorithms

- **Masters in Microelectronics**
  2015 -2017 | GEC
  To study TEC data as sesismogenic precurosr using MFDFA methods

- **Bachelors in Electrical and Electronics Enginering**
  2011 -2015 | GEC
  FPGA based hand written Devanagari script recognition

- **HSSC**
  2009-2011 | Goa Board

- **SSC**
  1999-2009 | Goa Board

PROFILE

I currently work as a research scholar at NIT Goa. In my role, I have served as a teaching assistant, overseeing final-year bachelor's and master's students in their lab work and projects. Through my research experience, I have cultivated a penchant for innovative and independent thinking. My areas of interest span across artificial intelligence, machine learning, hardware accelerators, image processing, web design, cryptography, network security, blockchain, and Web 3.

WORK EXPERIENCE

Github | Freelancer *(2022*)*

My freelance work involves being an insider and beta tester for Windows 11 builds, reporting bugs on PowerShell 7 relating to font loading issues at new window startup, developing a second brain using foam, creating a custom profile for Neovim, and more.

Intel | Software Validation Engineer *(2019-2020)*

I have experience as a validation engineer for the Quartus tool versions 19.3, 19.4, and 20.1, validating tool processes like synthesis, implementation, and bitstream generation. Additionally, I have worked on various design flows including top-down, bottom-up, and hierarchical approaches.

SKILLS

- Data scientist
- Software validation
- Image processing
- powershell
- Docker

- VLSI
- Canva
- Github
- Anaconda
- Web3

- CI\CD
- Vivado
- Cuda
- NNGen
- FPGA

- C
- Python
- MATLAB
- Verilog
- Latex

AI ML SKILLS

- Machine learning
- Artificial intelligence
- Prompt engineering
- Hugging face
- Google Collab
- Stable diffusion

- GAN
- CGAN
- LAMMA -2
- GEMMA
- ORCA
- DCGAN

- PyTorch
- Tensorflow
- Django
- Keras
- Numpy
- Scipy

- LLM
- CNN
- LSTM
- Chain
- Latex
- Conda

REFERENCES

Dr. Vasantha M.H.
Email : vasanthmh@nitgoa.ac.in

Dr. Nithin Kumar Y.B
Email : nithin.shastri@nitgoa.ac.in