

Amit Kumar

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EDUCATION

IIT Roorkee, B. Tech Electronics and Communication Engineering

(Jul '09-May '13)

(IIT-JEE Rank: 2356)

CGPA-6.642

SKILLS

PROGRAMMING

Python,R,SQL,C++,C

SOFTWARE

MS Excel

CERTIFICATES

- Udemy -Data Science Course 2019(Mathematics, Statistics, Python Basics,Machine and Deep Learning Basics with MNIST Example)
- Udemy - Machine Learning A-Z(Hands on experience in Python and R on common ML Algorithms)

ADDITIONAL REFERENCES

- An Introduction to Statistical Learning: Book by Gareth James, et. al.
- Basic Kaggle Projects

EXPERIENCE

Assistant Commandant Training (selected through UPSC CAPF AC Exam 2017 with All India Rank 26), Bhopal (Aug'19-Oct'19)

UPSC Civil Service Preparation, New Delhi (Jun'15-Jul'19)

HCL Technologies Ltd, Noida—Software Engineer (Aug'13-Jun'15)

- Porting of reference code provided by Client on emulator of camera hardware.
- Optimization of algorithm provided by client from C language into assembly and using different cores for preprocessing.
- Developed a feature (from scratch) independently showing motion trailing effect using opencv library and an Innovation certificate has been awarded.

Oracle Financial Services Software Ltd, Mumbai—Intern (May'12- Jul'12)

Created a Client for Web Service of local URL of the company,which takes details of the particular client like bank code,customer id and fetches his/her bank details.The Language used was groovy and the platform used for app development was Grails.

PROJECTS

Robustness study of Tunnel-FET , Final Year Project

In Tunnel FET subthreshold swing lesser than MOSFET limit can be achieved. With this motivation, I have done T-CAD(Synopsys) based simulations to achieve lesser leakage current in lower threshold region and design digital applications like Inverter.