Saurabh Kulkarni

✉ saurabh.kulkarni2512@outlook.com 🐦 @Saurabh2450

in https://www.linkedin.com/in/saurabh-kulkarni-a36352103/

Research Interests

- **Machine learning, IoT, Wireless systems, Network security, RF devices & systems, Signal processing, Antenna design, ASIC design**

Employment History

Aug'21 – Now	**Research Intern,** tGELF (The Global Entrepreneurship and Leadership Foundation), India Extensive research and creation of a database for Entrepreneurs around the world. Organization and management of events, ESG (Entrepreneurs Sports Generation), and EWC (Entrepreneurship World Cup). Compilation of potential judges and partners from around the globe to participate and fund the startups
Sept'19 – Feb'20	**Data Analyst Intern,** Universitat Autònoma de Barcelona, Bellaterra, Spain. Literature survey based on the number of citations and impact factor of the journal and compare different algorithms for data compressions like ABT(Array of Binary Trees), BLC(BackLinks), Top-k approximation, Sequence graph, and Slashburn. Data compression using few datasets for social media websites like Google+, Instagram, Facebook, and Twitter.
Apr'17 – July'18	**Network Engineer(Optical Fiber Networks),** Railtel Corporation of India Limited, Mumbai, India. Work in network operation center and management of optical fiber network pan India using NMS(Network management systems) of Infinera, Coriant, ADVA for DWDM and Tejas networks, Fibcom and, Alcatel-Lucent for SDH systems.
June'14 – July'14	**Summer Intern,** Railtel Corporation of India Limited, Mumbai, India.

Education

Sept'18 – Nov'20	**Official Masters Degree, Telecommunication Engineering** Master Thesis title: *An overview of sentiment analysis of Twitter data*, Universitat Autònoma de Barcelona, Bellaterra, Spain.
Aug'12 – June'16	**Bachelor of Technology, Electronics and Telecommunication Engineering**, Vishwakarma Institute of Technology, Pune, India.

Skills

Languages	English: Fluent Spanish: Conversational Hindi, Marathi: Native.
Coding	MATLAB, Python, Java, C, C++.
Design	Cadence, FEKO, Quartus FPGA, Advanced Design System(ADS), Pspice.
Misc.	LaTex, Linux, Microsoft Excel, Microsoft Office.

Projects

Sept'19 – Feb'20	**Data compression for social networks**, Universitat Autònoma de Barcelona, Bellaterra, Spain.
Jan'15 – May'16	**Facial expression detection using MATLAB**, Vishwakarma Institute of Technology, Pune, India.

Miscellaneous Experience

Certification

2014	**Optical fibre cables and systems**, Centre for Excellence in Telecom Technology and Management (CETTM), Mumbai, India.
	Converged Communication, Centre for Excellence in Telecom Technology and Management (CETTM), Mumbai, India.
2013	**PCB Design**, IEEE VIT student branch, Pune, India.

Awards and Achievements

	Smart Chef, Second Prize, VIT, Pune, India.
2012	**Badminton Tournament - Doubles**, First Prize, Mumbai, India.

Leadership and Volunteer Work

2015	**Manager**, Blood donation drive, Pune, India.
2014	**Event Head**, Melange (Inter-College festival), VIT, Pune, India.
	Manager, Prize distribution committee, Melange, VIT, Pune, India.

References

Available on Request