

MOHIT CHAWLA

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Education	CORNELL TECH AT CORNELL UNIVERSITY MS in Information Systems in Connective Media <i>Cornell University Merit Scholarship award, 4.02/4</i> <u>Relevant Courses</u> : Applied Machine Learning, Natural Language Processing, Networks & Markets, Data Science, Advanced Startup Systems Design & Engineering.	Aug'17-(May'19) <i>New York, NY</i>
	INDIAN INSTITUTE OF TECHNOLOGY (IIT-ISM) Bachelor of Technology in Computer Science and Engineering <i>Cyber Secretary, CSE Society Webmaster, Class-rank 5/102 (top 5%)</i> <u>Relevant Courses</u> : Data Structures, Algorithm Design & Analysis, Operating Systems, Software Engineering, Computer Networks, Database Management Systems.	July'12-Apr'16 <i>Dhanbad, India</i>
Experience	DATADOG INC. <i>Software Engineering Intern</i> Worked on low latency time-series data ingestion pipeline in <i>Go</i> . <ul style="list-style-type: none">• Migrated service's inter-process communication layer to GRPC, handling >40k req/s.• Created, tested & benchmarked endpoints for DB replication with request throttling.	May'18-Aug'18 <i>New York, NY</i>
	SAMSUNG R&D <i>Software Engineer</i> Developed scalable web-services from scratch (back-end, Java, Spring) for production, for project e-sim; code-coverage >85%; >6k LoC; lead a team of 2 junior developers. <ul style="list-style-type: none">• Cleared advanced-level software competency.• Designed a hierarchical payments system to facilitate distributed transactions.	June'16-Aug'17 <i>Bangalore, India</i>
	STRIDE.AI INC. <i>Summer Intern</i> Solved database-cluster issues (oplog-rollover, high query exec time) to increase <i>TexSie</i> 's (sentiment analysis engine) throughput & developed cost-effective scaling strategy.	Apr'16-June'16 <i>Bangalore, India</i>
	AUDEGN TECHNOLOGIES PVT. LTD. <i>Full Stack Developer</i> Developed <i>Audegn Studio</i> (www.audegn.com), a canvas-based design platform from scratch with assistive features, to enable designing flyers, business cards etc.	Dec'15-Feb'16 <i>Gurgaon, India</i>
	SAMSUNG R&D <i>Summer Intern</i> Developed an auth mechanism in C++ for seamless continuity among Tizen devices.	May'15-July'15 <i>Bangalore, India</i>
	CYBER LABS <i>Founder</i> Founded a lab for inter-disciplinary research & pragmatic learning through solving real life problems via code. <i>Roles</i> : technical instructor, designer & manager, lead team of 30.	Jan'15-Present <i>Dhanbad, India</i>
Research Work	Chawla M., Singh K., Kumar C. "Attitudinal Data based Server Job Scheduling using Genetic Algorithms" in 9th International Conference on Contemporary Computing 2016, IEEE. Chawla M., Mishra S., Singh K., Kumar C. "A Comparison of Data-Exchange Mechanisms for Real-time Communication" in International Journal of Rough Sets & Data Analysis, 4(4): 66-81,2017.	
Skills	C++, Java (Spring), Python, Go, HTML, CSS, JavaScript, jQuery, Node.js, Adobe Illustrator.	
Awards	<ul style="list-style-type: none">• One of 280 students from India selected by MIT MEDIA LABS for MITML DI-2015.• Secured All India Rank 4928/479k (<i>top 1%</i>) in IIT-JEE 2012.• Awarded 2nd prize in Robo-Wars, Concetto 2013.• Distinguished webmaster by Concetto for innovative website; received >180k page views in 45 days.	
Personal	<ul style="list-style-type: none">• Founded a publication- "The Bit Theories (www.thebittheories.com)" to enable students to learn esoteric CS concepts in an easy way, >20,000 minutes read within first 90 days.• Writing: (Technical: medium.com/@mohitchawla & Other: Life w/o backspaces: portfolio), Teaching.	