

MOHIT CHAWLA

1 E Loop Road, Apt 6C-2, NY, NY-10044
+1-929-471-4415 mc2683@cornell.edu www.mohitchawla.in

Education	CORNELL TECH AT CORNELL UNIVERSITY MS in Information Systems in Connective Media <i>Cornell University Merit Scholarship award</i> <u>Relevant Courses</u> : Applied Machine Learning, Networks & Markets, Advanced Startup Systems Design and 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, 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/ps.• 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 a canvas-based design platform from scratch with assistive features, <i>Audegn Studio</i> (www.audegn.com), 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. <ul style="list-style-type: none">• Code pushed into production; Received <i>pre-placement offer</i> (full-time).	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. " <i>Attitudinal Data based Server Job Scheduling using Genetic Algorithms</i> " in 9th International Conference on Contemporary Computing 2016, IEEE. Chawla M. , Mishra S., Singh K., Kumar C. " <i>A Comparison of Data-Exchange Mechanisms for Real-time Communication</i> " 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- "<i>The Bit Theories</i> (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.	