

Roshan R Sumbaly

CONTACT	rsumbaly@gmail.com	http://cs.stanford.edu/people/rsumbaly
EXPERIENCE	Meta (2018 - now) <i>Director of AI</i> <ul style="list-style-type: none">• Started by leading applied research group in Meta AI focusing on computer vision use-cases leveraging information retrieval, image and video understanding services (including face recognition), and platforms (annotation, active learning, training, inference). Use-cases including time-sensitive fires and integrity issues for the company.• Moved to AR, helping lead the multi-modal perception group powering models on-glass• Finally leading an organization building Generative AI foundation models• Have driven wider organization programs (1K+ developers) around efficiency, performance calibrations, better engineering and critical privacy efforts Coursera (2014 - 2018) <i>Director of Engineering</i> <ul style="list-style-type: none">• Started by leading the university product team, building authoring and analytics product• Grew the team to launch our 2nd business line - online degrees (\$XM in 12 months)• Grew the team further to launch our 3rd business line - enterprise subscription (\$XXM in 18 months to O(100s) of companies)• Finally led over half of engineering responsible for growth and infrastructure• Helped introduce levels & rubric and drive performance management, compensation strategy, vendor and budget management for all of engineering LinkedIn (2010 - 2014) <i>Engineering Manager</i> <ul style="list-style-type: none">• Started working on open-source distributed infrastructure, including leading some: key-value store, streaming system and batch job scheduler• Moved up the stack to help with data products: People you may know, Address book relevance, Recruiter search• Continued to work at the intersection of data and infrastructure: OLAP system, A/B testing analytics, feed ingestion engine, forecasting platform, call-graph monitoring• Finally led the news feed and social gestures platform team• Helped with engineering-wide architecture review and maintaining branding micro-sites	
EDUCATION	<ul style="list-style-type: none">• Stanford University - MS in Computer Science Awards - RPSEA/Schlumberger Fellowship, Narotam Sekhsaria Scholarship Internships - Yahoo• BITS Pilani - BE (Honors) in Computer Science Awards - Gold Medal, Alumni 30-under-30, Dhirubhai Ambani Scholarship Internships - HP Labs, IISc, BARC	
CONFERENCES & TALKS	<ul style="list-style-type: none">• Papers at AAAI '22, CIKM '14, SIGMETRICS '13, VLDB '12, FAST '12, ICDE '12• Organized workshops / challenges at CVPR '22, @Scale '19, KDD '17• Industry talks at O'Reilly AI Conference '19, F8 '18, Strata '16	