

Gaurav Kharkwal

Contact Information	gaurav.kharkwal@gmail.com	+1 (571) 340-8629								
Work Experience	<p>Google, New York, NY <i>Software Engineer</i> June 2016 - Present</p> <ul style="list-style-type: none">• Currently, building an on-device data synchronization platform for Google Assistant.<ul style="list-style-type: none">• Work involves writing native Android code, maintaining a backend server, and ensuring data consistency and reliability between client- and server-backed data.• Previously, worked on several projects in local search as an individual contributor, and later tech lead.<ul style="list-style-type: none">• With me as TL, we launched a new local search features with XXM Daily Active Users.• My responsibilities included leading 5+ engineers, and coordinating the launch, overall strategy, and developing a long-term roadmap (in partnership with PM and PgM).• As an IC, I have worked on various parts of local search and Google Maps' technical stack: query understanding, ranking, triggering, data quality, and web/Android full-stack development. <p>Bloomberg LP, New York, NY <i>UI Infrastructure Developer</i> Aug 2014 - May 2016</p> <ul style="list-style-type: none">• Developed and maintained client-side applications and services for the Bloomberg Terminal.• Additionally, worked on UI infrastructure used by developers for building features on the Terminal.									
Technical Expertise	<p>Experience</p> <ul style="list-style-type: none">• Technical leadership: I have led and landed projects with various stakeholders• Technical mentorship: I have hosted interns, engineering residents, and onboarded developers• Full stack development of search features for web and Android <p>Programming Languages</p> <ul style="list-style-type: none">• C++, Javascript, Java• Prior experience in: Python									
Education	<p>Rutgers University, New Brunswick, NJ</p> <table><tr><td>Ph.D., Cognitive Psychology (GPA: 4.0)</td><td>2014</td></tr><tr><td>M.S., Computer Science (GPA: 4.0)</td><td>2014</td></tr><tr><td>M.S., Cognitive Psychology (GPA: 4.0)</td><td>2011</td></tr></table> <ul style="list-style-type: none">• Awarded the Excellence in Dissertation Fellowship in the academic year 2013-2014. <p>International Institute of Information Technology, Hyderabad, India</p> <table><tr><td>B.Tech., Computer Science and Engineering Hons. (GPA: 9.04/10)</td><td>2009</td></tr></table> <ul style="list-style-type: none">• Dean's List every year for excellence in academic performance.		Ph.D., Cognitive Psychology (GPA: 4.0)	2014	M.S., Computer Science (GPA: 4.0)	2014	M.S., Cognitive Psychology (GPA: 4.0)	2011	B.Tech., Computer Science and Engineering Hons. (GPA: 9.04/10)	2009
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Selected Publications	<p>Kharkwal, G. and Muresan, S. (2014). "Surprisal as a Predictor of Essay Quality." <i>The 9th Workshop on Innovative Use of NLP for Building Educational Applications at ACL</i>, 54-60, Baltimore, MD.</p> <p>Kharkwal, G. and Stromswold, K. (2014). "Good-enough language processing: Evidence from sentence-video matching." <i>Journal of Psycholinguistic Research</i>, 43(1), 27-43. doi:10.1007/s10936-013-9239-5.</p> <p>Lee, C., Kharkwal, G., and Stromswold, K. (2012). "Temporal transitions in narrative production with wordless picture books." <i>LSA Annual Meeting Extended Abstracts</i>. elanguage.net.</p>									