

Gaurav Kharkwal

CONTACT INFORMATION gaurav.kharkwal@gmail.com

+1 (571) 340-8629

WORK EXPERIENCE

Google, New York, NY

Software Engineer

June 2016 - Present

- Currently, Tech Lead working with several quality and full-stack engineers on local search features.
- As Tech Lead, I spend a lot of my time with various stakeholders - e.g., Eng/Product/Program Managers - planning strategy and developing roadmaps.
- Previously, worked within local search on various parts of the search features stack - e.g., query understanding, ranking/triggering/data quality, and web/Android full-stack development.

Bloomberg LP, New York, NY

UI Infrastructure Developer

Aug 2014 - May 2016

- 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.

Rutgers University, New Brunswick, NJ

Web Developer, Dept. of Psychology

Sept 2011 - Sept 2013

- Developed a website for running behavioral experiments built as Java applets as part of an online lab course.

Microsoft, India Development Center

Software Development Engineer - Intern

Apr 2008 - Jul 2008

- Worked with the Visual Studio Test Professional team to develop a framework for bug reporting using WPF and XAML to facilitate bug reporting.

TECHNICAL EXPERTISE

Experience:

- Full-stack web development
- Experiment-driven feature development: e.g., A/B testing features as well as ranking/triggering
- Data analysis

Programming Languages:

- C++, Javascript, Java
- Prior experience in: Python

EDUCATION

Rutgers University, New Brunswick, NJ

Ph.D., [Cognitive Psychology](#) (GPA: 4.0)

2014

M.S., [Computer Science](#) (GPA: 4.0)

2014

M.S., [Cognitive Psychology](#) (GPA: 4.0)

2011

- Awarded the Excellence in Dissertation Fellowship in the academic year 2013-2014.

- Presented research findings as talks and posters to peers in competitive academic conferences.

International Institute of Information Technology, Hyderabad, India

B.Tech., [Computer Science and Engineering Hons.](#) (GPA: 9.04/10)

2009

- Included in the Dean's List every year from 2005 to 2009 for excellence in academic performance.
- Ranked in the top 10 of the graduating class of 2009 for achieving academic distinction.

SELECTED PUBLICATIONS

Kharkwal, G. and Muresan, S. (2014). "Surprisal as a Predictor of Essay Quality." *The 9th Workshop on Innovative Use of NLP for Building Educational Applications at ACL*, 54-60, Baltimore, MD.

Kharkwal, G. and Stromswold, K. (2014). "Good-enough language processing: Evidence from sentence-video matching." *Journal of Psycholinguistic Research*, 43(1), 27-43. doi:10.1007/s10936-013-9239-5.

Lee, C., **Kharkwal, G.**, and Stromswold, K. (2012). "Temporal transitions in narrative production with wordless picture books." *LSA Annual Meeting Extended Abstracts*, elanguage.net.