

# Gaurav Bhaskar Gite

gitegaurav.com | Zürich, Switzerland

Education	<b>Columbia University</b> M.S. in Computer Science Relevant Courses: Deep Learning, Natural Language Processing, Machine Learning, Advance Machine Learning <a href="#">Awarded Jonathan Gross Prize for Best Student</a>	Sept '15 – May '17 <b>GPA: 4.0/4.0</b>
	<b>Indian Institute of Technology (IIT), Roorkee</b> B.Tech in Electrical Engineering Relevant Courses: Machine learning, Artificial Neural Network	July '11 – May '15 <b>GPA: 8.5/10</b>
Experience	<b>Google Inc.</b>   Staff Software Engineer • Technical Lead: Developing techniques to improve the factuality of AI Overview responses on Google Search.	April '24 – Current
	<b>Google Inc.</b>   Senior Software Engineer • Technical Lead: Developed a factuality evaluation framework for AI Overview.	Oct '21 – April '24
	<b>Google Inc.</b>   Software Engineer III • Lead Engineer: Developed evaluation frameworks and launched multiple models for Short Answers in Featured Snippets on Google Search, with a patent currently filed and under review.	April '19 – Oct '21
	<b>Google Inc.</b>   Software Engineer II • Worked on various Featured Snippet features to improve the user search experience.	May '17 – April '19
	<b>Google Inc.</b>   Intern • Optimized Recurrent Neural Network (RNN) models for next-word prediction on Android keyboards, including a 30% faster open-sourced TensorFlow implementation of GRU cells.	May '16 – August '16
Research	<b>Natural Language Processing Lab</b>   Graduate Research Assistant • Researched new extractive summarization approaches for news articles using structured prediction energy networks. Extended the New York Times Annotated Corpus with hundreds of thousands of article-summary pairs (2007-2016). Published • Developed a system to provide feedback to residents in a Columbia-owned building regarding their electricity consumption. Experiments aimed to identify appropriate feedback attributes, such as text sentiment, consumption quantified by tree equivalents, and global warming news summaries. <a href="#">Link to the research paper</a>	Sept '17 – May '17
	<b>Center for Computational Learning System, Columbia University</b>   Graduate Research Assistant • Researched automated methods for content assessment of written text and developed an automated technique for grading student writing based on content, published in the International Journal of Artificial Intelligence in Education. <a href="#">Link to the research paper</a>	Jan '16 – May '16
	<b>University of Lethbridge, Canada</b>   Research Intern • Developed new approaches for the online testing of reversible logic circuits, presented at the 45th IEEE International Symposium on Multiple-Valued Logic (ISMVL), 2015. <a href="#">Link to the research paper</a>	May '14 – July '14
Skills	<b>Programming languages:</b> Python, C++, MATLAB <b>Software Tools:</b> Tensorflow, Theano, Mallet, Google APP Engine, Git, Linux, SQS, DynamoDB, AWS	
Co-Curricular Activities	<b>Teaching Assistant</b> – Advance Machine Learning, Columbia University, Spring '16 <b>Teaching Assistant</b> – Introduction to Computer Systems, Columbia University, Spring '16 & Fall '15	
Awards	2017 <b>Jonathan Gross Excellence Award</b> – Computer Science Dept., Columbia University 2015 & 2013 <b>Excellence Award</b> – IIT Roorkee Heritage Foundation	