

Alhaad Gokhale

CONTACT INFORMATION	GitHub: alhaad LinkedIn: alhaadgokhale	e-mail: alhaadgokhale[AT]gmail.com e-mail: alhaad[AT]google.com
AREAS OF INTERESTS	Operating systems, Distributed systems, Theoretical computer science.	
WORK EXPERIENCE	Google India Pvt Ltd , Bangalore <i>Knowledge Engine</i> Structured search on Google.com.	Senior Software Engineer July 2018 – Present
	Google Inc , Mountain View, California <i>Fuchsia</i> Worked on Fuchsia, a new operating system by Google. https://fuchsia.googlesource.com/	Senior Software Engineer Jan 2015 – June 2018
	Google Inc , Mountain View, California <i>Search Infrastructure</i> Worked with Search Infrastructure Serving team which is responsible for handling all search queries that come to Google.	Software Engineer Oct 2013 – Dec 2014
	Google Inc , Mountain View, California <i>Crawler</i> Worked with Crawl-Scheduler team which is responsible for determining the rate at which a website is recrawled by Google.	Intern May 2012 – July 2012
	Nucleodyne Systems Inc , Cupertino, California Ported a power-aware implementation of the USB protocol stack on a bare-metal Power-PC based platform.	Intern May 2011 – July 2011
	National Center For Supercomputing Applications , UIUC Developed a model to quantify symmetry and randomness in a noisy image pattern.	Intern May 2010 – July 2010
EDUCATION	Indian Institute of Technology , Kharagpur <i>B.Tech.(Hons) + M.Tech.</i> , Computer Science and Engineering	2008 – 2013
HONOURS AND AWARDS	<ul style="list-style-type: none">• National Talent Search (NTS) Scholar• Kishore Vaigyanik Protsahan Yojana (KVPY) Scholar• Apeejay Talent Search (ATS) Scholar• Secured an All-India Rank of 612 in the IIT Joint Entrance Examination, 2008• Finalist for National Physics and Mathematics Olympiads	
PUBLICATIONS	Gokhale, Alhaad, “A budget-based policy for operating system scheduling of background tasks”, <i>Technical Disclosure Commons</i> , 2018. Datta, Kamalika and Gokhale, Alhaad and Sengupta, Indranil and Rahaman, Hafizur, “An esop-based reversible circuit synthesis flow using simulated annealing”, <i>Applied Computation and Security Systems</i> , pp. 131-144, 2015, Springer India. Gokhale, Alhaad and Bajcsy, Peter, “Automated classification of quilt photographs into crazy and non-crazy”, In <i>IS&T/SPIE Electronic Imaging</i> , 2011.	
PATENTS	Gokhale, Alhaad and Brown, Jeff and Meschkat, Steffen and Giesing, Kris, “System And Method For Automatically Synchronizing Responses To Conditions On Devices”, US Patent Application 15/808,153, filed November 2017. Patent pending.	