

Rohan Mathur

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Education	University of Illinois at Urbana-Champaign	2014 - 2018 (expected)
	Majoring in Computer Engineering, minoring in Business Administration and Mathematics Classes: ECE 110, 120, 220 — CS 173, 225, 465 — MATH 241, 286 — PHYS 212, 213, 214	
	Bridgewater-Raritan High School	2010 - 2014
Experience	Somerset County Library System	Website Developer
	Bridgewater, NJ	2008 – 2013
	Developed a new website using the Drupal content management system, transitioned data from old website, and reorganized eBook storage backend. http://somerset.lib.nj.us	
Projects	AOKP Custom Android Operating System	2010 – Present
	Modified Android open source platform code to have new features, customization options, and greater stability overall. Project has over 10 million recorded installs worldwide. http://aokp.co	
	whiteboard.js	Winter 2015
	Generates a dynamic multi-page website running atop a node.js boilerplate from drawings of a website layout on a whiteboard. Just draw the website on a whiteboard, color-code the pages and links, and snap a few picture with our Android app. It will be live and ready to browse within a minute. One of the Top 30 hacks at the PennApps Winter 2015 Hackathon.	
	Oculus Thrift	Fall 2014
	Made-from-scratch completely wireless Oculus Rift-esque VR suite, complete with goggles, power glove, and a Myo armband which all together function as a display and mouse for any computer anywhere. One of the Top 30 projects at the PennAppsX 2014 Fall Hackathon.	
	QuickTron	Fall 2013
	Android app that does real-time scanning of a ScanTron answer sheet, grades it against an answer key, and then emails a score report. Winner of 2nd place at the hackRU 2013 Fall Hackathon.	
Activities	StockFeel	Spring 2014
	Web app that uses past and real-time social media and financial data to predict future stock movement. Winner of Best Bloomberg Hack at PennApps 2014 Spring Hackathon.	
	DefNotes	Spring 2014
	Android application that records lectures, identifies keywords within the lecture's content, looks up the definition of those keywords, puts both together into a cohesive study guide, and then emails it to the student. Winner of the Best Live App at the hackBCA 2014 Spring Hackathon. github	
	SIG Mobile	Vice Chair
	Organize and lead weekly Android app tutorials for a large special interest group (SIG) in UIUC's ACM chapter. Work with ACM and other organizations to hold joint events.	
Publications	HackIllinois 2015 Team	Systems Committee
	Built the HackIllinois coding challenge web app that applicants could do to gain familiarity with various programming languages. Assisted in building the Android application.	
	Reflections—Projections 2015 Technology Conference	Operations Staff
	Invited several guest speakers and assisted with the overall logistics of the event.	
	New Jersey Governor's School Research Journal	
	Co-Author of "Exploring Methods to Develop Cross-Platform Mobile Apps"	
	IEEE Xplore	
	Co-Author of 4 papers, including one detailing a research project conducted in a less fortunate Indian village, and three about STEM education in high schools.	