

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 Relevant Classes: ECE 110, 120, 220 — CS 173, 225 — MATH 241 — PHYS 212	
	Bridgewater-Raritan High School	2009 - 2014
Work Experience	AOKP Custom Android Operating System	Lead Developer 2010 – Present
	Seattle, Washington 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	
	Somerset County Library System	Website Developer 2008 – 2013
	Bridgewater, NJ Developed a new website using the Drupal content management system, transitioned data from old website, and reworked eBook storage backend. http://www.somerset.lib.nj.us	
Projects	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.	
	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.	
	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.	
	QuickTron	Fall 2013
	Mobile ScanTron scanner, grader, and grade reporting application. Winner of 2nd place at the hackRU 2013 Fall Hackathon.	
Qualifications	C++, Java, PHP, MySQL, Android SDK/NDK, Node.js, JQuery	
Activities	HackIllinois Team	Systems Committee
	Built the HackIllinois coding challenge web app that applicants could do to gain familiarity with various programming languages. Assisted with the developemnt of the Android application.	
	Reflections—Projections Technology Conference	Staff
	Invited several guest speakers and assisted with the overall logistics of the event.	
	IEEE Student Club	Founder & President
	Led high school club in projects including building an autonomous blimp for a local children's museum. Invited guest speakers from industry and academia to talk about their experiences.	
Publications	New Jersey Governor's School Research Journal	
	Co-Author of "Exploring Methods to Develop Cross-Platform Mobile Apps"	
	IEEE Xplore	
	Co-Author of "Computer programming - A building block of STEM"	
	Co-Author of "Cybersecurity - An integral part of STEM"	
	Co-Author of "EPICS High: A Digital Literacy Project in India"	
	Co-Author of "EPICS High: STEM's impact on community service"	