

# Rohan Mathur

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<b>Education</b>	<b>University of Illinois at Urbana-Champaign</b>	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	
	<b>Bridgewater-Raritan High School</b>	2009 - 2014
<b>Experience</b>	<b>AOKP Custom Android Operating System</b>	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. <a href="http://aokp.co">http://aokp.co</a>	
	<b>Somerset County Library System</b>	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. <a href="http://www.somerset.lib.nj.us">http://www.somerset.lib.nj.us</a>	
<b>Projects</b>	<b>Oculus Thrift</b>	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.	
	<b>DefNotes</b>	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.	
	<b>StockFeel</b>	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.	
	<b>QuickTron</b>	Fall 2013
	Mobile ScanTron scanner, grader, and grade reporting application. Winner of 2nd place at the hackRU 2013 Fall Hackathon.	
<b>Qualifications</b>	C++, Java, PHP, MySQL, Android SDK/NDK, Node.js, JQuery	
<b>Activities</b>	<b>HackIllinois Team</b>	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.	
	<b>Reflections—Projections Technology Conference</b>	Staff
	Invited several guest speakers and assisted with the overall logistics of the event.	
	<b>IEEE Student Club</b>	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.	
<b>Publications</b>	<b>New Jersey Governor's School Research Journal</b>	
	Co-Author of "Exploring Methods to Develop Cross-Platform Mobile Apps"	
	<b>IEEE Xplore</b>	
	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"	