

Education	<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 — CS 173, 225, 465 — MATH 241 — PHYS 212	
	<b>Bridgewater-Raritan High School</b>	2010 - 2014
Experience	<b>Somerset County Library System</b>	Website Developer
	Bridgewater, NJ	2008 – 2013
	Developed a new website using the Drupal content management system, transitioned data from old website, and reworked eBook storage backend. <a href="http://somerset.lib.nj.us">http://somerset.lib.nj.us</a>	
Projects	<b>AOKP Custom Android Operating System</b>	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. <a href="http://aokp.co">http://aokp.co</a>	
	<b>whiteboard.js</b>	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. In the Top 30 hacks at the PennApps Winter 2015 Hackathon.	
	<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>QuickTron</b>	Fall 2013
Qualifications	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.	
	<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>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.	
	Java, C++, LC3 Assembly, Python, PHP, MySQL, Android SDK/NDK, Node.js, JQuery	
Activities	<b>SIG Mobile</b>	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.	
	<b>HackIllinois 2015 Team</b>	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.	
Publications	<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"	