

Education	University of Illinois at Urbana-Champaign 2014 - 2018 (expected) Majoring in Computer Engineering, minor in Mathematics and Business Administration 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 Developer Seattle, Washington 2010 – Present Modified Android open source platform code to have new features, customization options, and greater stability overall. Platform has over 9 million recorded installs worldwide. http://aokp.co
	Somerset County Library System Website Developer Bridgewater, NJ 2008 – 2013 Developed a new 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 PennApps X 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	<i>Programming Languages:</i> C++, C, Java, PHP, MySQL <i>Libraries and Tools:</i> Android SDK/NDK, Node.js, JQuery, 3D Printers
Activities	HackIllinois Staff Systems Team Built the HackIllinois coding challenge site that applicants could complete to get familiarity with various programming languages. Assisted with the developemnt of the Android application.
	Reflections—Projections Staff Staff Invited several guest speakers and helped with the overall logistics of the event.
	IEEE Student Club Founder & President Led 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 "Exploring Methods to Develop Cross-Platform Mobile Apps"
	IEEE Xplore "Computer programming - A building block of STEM" "Cybersecurity An integral part of STEM" "EPICS High: A Digital Literacy Project in India" "EPICS High: STEM's impact on community service"