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| <b>Education</b>      | <b>University of Illinois at Urbana-Champaign</b> 2014 - 2018 (expected)<br>Majoring in Computer Engineering, minoring in Business Administration and Mathematics<br>Relevant Classes: ECE 110, 120, 220 — CS 173, 225 — MATH 241 — PHYS 212  |
|                       | <b>Bridgewater-Raritan High School</b> 2010 - 2014  |
| <b>Experience</b>     | <b>AOKP Custom Android Operating System</b> Lead Developer<br>Seattle, Washington 2010 – Present<br>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<br>Bridgewater, NJ 2008 – 2013<br>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<br>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<br>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<br>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<br>Mobile ScanTron scanner, grader, and grade reporting application. Winner of 2nd place at the hackRU 2013 Fall Hackathon.  |
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| <b>Qualifications</b> | C++, Java, Python, C++, PHP, MySQL, Android SDK/NDK, Node.js, JQuery  |
| <b>Activities</b>     | <b>HackIllinois Team</b> Systems Committee<br>Building the HackIllinois coding challenge web app that applicants could do to gain familiarity with various programming languages. Assisted in building the Android application.   |
|                       | <b>Reflections—Projections Technology Conference</b> Staff<br>Invited several guest speakers and assisted with the overall logistics of the event.  |
|                       | <b>IEEE Student Club</b> Founder & President<br>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><br>Co-Author of "Exploring Methods to Develop Cross-Platform Mobile Apps"  |
|                       | <b>IEEE Xplore</b><br>Co-Author of "Computer programming - A building block of STEM"<br>Co-Author of "Cybersecurity - An integral part of STEM"<br>Co-Author of "EPICS High: A Digital Literacy Project in India"<br>Co-Author of "EPICS High: STEM's impact on community service"  |
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