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| Education | University of Illinois at Urbana-Champaign | 2014 - 2018 (expected) |
| | Dual major in Computer Engineering and Management, minor in Mathematics | |
| | Relevant Classes: ECE 198JL, MATH 241, PHYS 212 | |
| | Bridgewater-Raritan High School | 2009 - 2014 |
| | Relevant Classes: AP Computer Science, Calculus 3, Differential Equations, AP Physics C | |
| | NJ Governor's School of Engineering and Technology | 2013 |
| | Relevant Classes: NXT Robotics, Modern Physics, Intro to Entrepreneurship | |
| Work Experience | AOKP 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 | 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, Python, PHP, MySQL, Javascript, HTML5, CSS3 <i>Libraries and Tools:</i> Android SDK, Adobe Suite, MatLab, Mathematica, Microsoft Visual Studio, Node.js, JQuery | |
| Activities | BRHS STEM Club | Founder & President |
| | Invited guest speakers and participated in several engineering-centric community projects. | |
| | Engineering Olympics Team | Captain |
| | Led team in several engineering related competitions and events. | |
| | BRHS Math and Science Honor Societies | Secretary |
| | Conduct and organize meetings and events for both honor societies. | |
| Publications | Exploring Methods to Develop Cross-Platform Mobile Apps | Gov School Journal |
| | Computer programming - A building block of STEM | IEEE Xplore |
| | Cybersecurity An integral part of STEM | IEEE Xplore |
| | EPICS High: A Digital Literacy Project in India | IEEE Xplore |
| | EPICS High: STEM's impact on community service | IEEE Xplore |