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EDUCATION:	Worcester Polytechnic Institute (WPI), Worcester, MA BS Electrical Engineering, Major GPA: 3.75	May 2017
EXPERIENCE:	Tutor, Worcester Polytechnic Institute, Worcester, MA <ul style="list-style-type: none">Tutored a class in Embedded Systems utilizing a TI MSP-430 to produce embedded applicationsMentored students in C programming Data Integration Intern, EMC Corp., Southboro, MA <ul style="list-style-type: none">Developed Web Services using Java SpringWorked with multiple SQL databases using MyBatisDesigned a workflow for demand management in IT Application Engineering Intern, Qualtre, Inc., Marlborough, MA <ul style="list-style-type: none">Created Win32 apps for sensors using Direct2D and Direct X 11Built a custom graphing library in C++ with Direct2D Software Engineering Intern, FARO Technologies, Kennett Square, PA <ul style="list-style-type: none">Developed an iOS application to interface with FARO productsDesigned a lightweight, cross-platform, C++ SDK with networking to connect to FARO products Computer Engineering Intern, University of Delaware, Newark, DE, <ul style="list-style-type: none">Developed an OpenGL interface to allow graduate students to view performance results from a supercomputer IT Chairman, Tau Kappa Epsilon, Worcester, MA <ul style="list-style-type: none">Managed a network with over fifty people with Windows Server 2012 with a network driveConfigured Cisco Aironet Access Points	Aug. 2015 - Present Jun. 2015 - Aug. 2015 Jan. 2015 - May 2015 May 2014-Aug. 2014 June 2012-Aug. 2012 Aug. 2014 - Present
PROJECTS:	Item Management System, Personal Project <ul style="list-style-type: none">Built a system to manage the process of requesting and approving items for use within an organizationManages the authorization flow for an item Internet Connected LED Strip, Personal Project <ul style="list-style-type: none">Designed firmware, a backend Python webserver, and a front-end iOS app to control an LED strip FIRST Robotics Competition, Team 365, Multiple Robots, <ul style="list-style-type: none">Designed and programmed a computer vision project using OpenCV which allowed robots to autonomously track targets	Aug, 2015 Feb. 2014 Sept. 2010 to May 2013
SKILLS:	Operating Systems: Mac OSX, Linux, Windows Programming Languages: C++, C, Python, Objective-C, HTML 5, Java, JavaScript, CSS 3, Go, PHP Applications: Microsoft Office, PHPMyAdmin <ul style="list-style-type: none">Frameworks: Node.js, ReactJS, Spring Batch, Spring Integration, WebApp 2, OpenCV, Google App Engine	
HONORS:	Eagle Scout Award, BSA Troop 22, Unionville, PA, Dean's List Semi-Finalist, FIRST Team 365, Wilmington, DE	July 2012 February 2013
ACTIVITIES:	Brother, Tau Kappa Epsilon Fraternity, Worcester, MA Member, Cross Country and Track, Unionville High School	Apr. 2014-Present Aug.2010-Oct. 2013