

CONTACT INFORMATION	128 Kloss Dr. Apt. C Lancaster, PA 17603	mobile: 570 778 2030 e-mail: tom@tswartz.net web: www.tswartz.net
EDUCATION	B.S. University of Scranton , Scranton, Pennsylvania <i>Physics</i> 2007 – 2011 <ul style="list-style-type: none"> Graduation Date: May 2011 Physics Club, American Physics Society, Society of Physics Students, IEEE Officer 	
PROFESSIONAL ASSOCIATIONS	Intitute of Electrical and Electronics Engineers (IEEE), American Physics Society Divisons of Laser Science, Communications, and Computational Physics, Society of Physics Students, Ubuntu Developers Association, Android Developers Association	
EXPERIENCE	Technology Support Specialist <i>Penn Manor School District</i> 2011 – Present <ul style="list-style-type: none"> Manage and upgrade more than one thousand Mac, Windows, and Linux computers Create and maintain educational web pages, Google Chrome and Android Apps Work independently and provide concise and detailed reports of projects Assist in planning and deployment of multiple large-scale multi-platform technology upgrades Develop Andriod application for use on district devices Support Teachers and Staff within three school buildings Develop and maintain software support for district Android tablets Created a fully managed and customized Linux OS for district-wide student use Information Technolgy Assistant Director <i>Mahanoy Area School District</i> 2011 – 2011 <ul style="list-style-type: none"> Manage and upgrade two hundred computers of varying operating systems Manage and maintain educational web pages Work independently and provide concise and detailed reports of current projects Regular reports on new technologies that may be implemented within district Implement project management services for use within the IT Department Manage large amounts of data across multiple servers and sources Program and support 60+ custom-firmware educational Android tablets Implement and manage Educational Assessment software Digital Services Assistant Librarian <i>University of Scranton</i> 2011 – 2011 <ul style="list-style-type: none"> Organize and digitally restore archived documents Develop Quick Response Code program linked with mobile web pages Manage and operate on-campus web pages Work independently and provide concise and detailed reports of current projects Regular reports on new technologies that may be implemented by the University of Scranton Develop localized and specialized programs for use at the University of Scranton Manage large amounts of data across multiple servers and sources Public Relations Web Content Manager <i>University of Scranton</i> 2009 – 2011 <ul style="list-style-type: none"> Create promotional webpages Organize and manage large amounts of data Continuously update informational logs of new work Perform Quality Assurance on web pages before publishing Effectively communicate ideas to University community Technical Consultant <i>University of Scranton</i> 2010 – 2011 <ul style="list-style-type: none"> Assist professors, faculty, and students with technical and digital resources on campus Manage and operate on-campus web pages Maintain updated logs and provide concise and detailed reports of current work Regular reports on new technologies that may be implemented by the University of Scranton Develop localized and specialized programs for use at the University of Scranton 	

HONOURS \ AWARDS	Selected for “Who’s Who Among College Students” 2011 Programming project featured on Lifehacker.com, http://goo.gl/m7aSM , 2010 Loyola Scholarship for Outstanding Academic Achievement, University of Scranton, 2007 – 2010	
SKILLS \ SPECIALTIES	Customer relations and technical support, Computer repair, Computer hardware installation, Web Content Management Systems, Bazaar and Git code revision management, Gerrit Code Review, Windows Deployment Services, Cluster computing, Industrial gas processing	
PROGRAMMING LANGUAGES	Matlab, Maple, Mathematica, AutoLISP, Android, Python, L ^A T _E X, Java, BASH, PowerShell, HTML, PHP, CSS, AppleScript, Processing, C, LabVIEW, BASIC	
RELEVANT COURSEWORK	Business and Technical Writing, Electromagnetics, Computer Science, Modern Physics, Computer Aided Drafting and Design, Computer Ethics, Electromagnetics Design Lab, Circuit Analysis	
PUBLICATIONS \ PRESENTATIONS	<i>The Reference Librarian</i> , 05 Oct. 2012 - “Augmenting a Science Center’s Reality” PETE&C, 11 Feb. 2013 - “Android Tablets: Power Up Mobile Classrooms” Handheld Librarian, 23 Feb. 2011 - “How the Librarian Put QR Codes in the Science Center” Consulting - Near Field Communications Professional Development Project Consulting - Website creation within Cascade CMS web servers The University of Scranton Physics Club - “Why the Arduino is the Next Big Thing” University of Scranton <i>TechCon</i> - “Using Location Based Apps in a Collegiate Setting”	
INTERESTS	New and cutting-edge technologies, physics research, programming, ‘Maker’ culture, bass guitar	
REFERENCES	Charlie Reisinger DIRECTOR OF TECHNOLOGY Penn Manor School District Lancaster, PA 17603 PHONE: <i>available upon request</i> EMAIL: <i>available upon request</i>	Kristen Yarmey, M.L.S ASSISTANT PROFESSOR University of Scranton Scranton, PA 18510 PHONE: <i>available upon request</i> EMAIL: <i>available upon request</i>