

Thomas Swartz

CONTACT INFORMATION	DeNaples Box 1788 University of Scranton Scranton, PA 18505	home: 570 773 1884 mobile: 570 778 2030 e-mail: t.swartz@ieee.org
SUMMARY	I am a physics student with strong interests in computing sciences. I have a focused specialty in Unix operating systems, but I am also fluent in Windows. My student research involves Stirling Engines and fuel cell technologies. I am very involved with Ubuntu and open source programming. In addition to small scale Linux development, I also program Android applications in my spare time. I am a self-starter looking to attain a challenging position in the field of physics or engineering with Lockheed Martin.	
EDUCATION	University of Scranton , Scranton, Pennsylvania <i>BS Physics</i> 2007 – Present <ul style="list-style-type: none">• Expected graduation date: May 2011• Cumulative GPA: 2.88• Physics Club, American Physics Society, Society of Physics Students, IEEE, Technical Consultant	
PROFESSIONAL ORGANIZATIONS	Intitute of Electrical and Electronics Engineers, American Physics Society, Society of Physics Students, Ubuntu Developers	
EXPERIENCE	University of Scranton <i>Technological Research and Emerging Technologies</i> 2011 – Present <ul style="list-style-type: none">• 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 University of Scranton <i>Technical Consultant</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 University of Scranton <i>Sacristan</i> 2007 – Present <ul style="list-style-type: none">• Set up weekly religious services• Organize and manage teams of workers on various projects• Continuously update informational logs of supplies• Must have or learn details of service procedures in order to effectively manage volunteers during services• Effectively communicate ideas to train volunteers in short amount of time GTS Praxair <i>Warehouse Operations</i> 2006 – 2009 <ul style="list-style-type: none">• Operated safely with Hazardous and Flammable materials• Operated heavy equipment• Routinely maintained industrial machines and equipment• Regulated inspections of high-pressure gas cylinders• Oversaw and performed construction and maintenance of facilities	
HONOURS AND AWARDS	Programming project featured on Lifehacker.com, http://goo.gl/m7aSM , 2010 Featured on TechCrunch.com, http://goo.gl/N4nX9 , 2010 Selected for “Who’s Who Among College Students” 2011	

SKILLS AND SPECIALTIES	Matlab, Maple, Linux shell scripting, Android, Python, L ^A T _E X, Java, Stirling Engine and fuel cell research, Customer relations and technical support, Industrial gas processing, Computer repair, Bazaar code management, Web content management systems, Computer hardware installation, Computer repair
EXTERNAL RESOURCES	Personal Website: http://tomswartz.weebly.com/index.html Personal Coding Portfolio: https://launchpad.net/~tom-swartz07
INTERESTS	New and cutting-edge technologies, Gadgets, Physics research, Programming, Bass Guitar