

Aaron W. Sedlacek
Aarons104@gmail.com
2240 Belmont Avenue
Elmont, New York 11003
(516) 680-0421

OBJECTIVE	To obtain an internship in the field of Information Technology, preferably in Information Security.	
EDUCATION		
2010-2015	Rensselaer Polytechnic Institute (RPI, GPA 3.14/4.0) Bachelor's in Science, Information Technology and Web Science Concentration in Information Security and Cryptography	Troy, NY
2006-2010	Chaminade High School (GPA 3.7/4.0) High School Diploma	Mineola, NY
WORK EXPERIENCE		
June 2011 – Dec. 2011	Honda Research and Development Americas <ul style="list-style-type: none">• Electrical Systems Intern• Designed and developed electronic systems for future Acura and Honda automobiles• Assisted in Designing Harnesses as well as many other systems including battery sensor, electronic parking brake, LDW/FCW camera, ACM and AC Inverter systems• Aided in weight reduction projects as well as bracket design and stress simulation testing• Developed experience working with other departments and external part suppliers	Marysville, OH
PROJECTS		
Sept. 2010 Dec. 2010	Automotive Hydrolysis System (RPI) <ul style="list-style-type: none">• Took the initiative to begin my own research project• Introduced concentrated amounts of hydrogen into the internal combustion engines of automobiles• Project goal was to decrease the amount of fuel required in the combustion process by allowing for more efficient reactions• Consisted of a working hydrolysis device and a computer system to regulate the amount of hydrogen produced relative to the amount of gasoline	Troy, NY
Sept. 2013 – Dec. 2013	Budgetory (RPI) <ul style="list-style-type: none">• Developed a full-featured, web based budgeting and inventory management application designed for organizations dealing with those items• Allowed for simple sharing and collaboration between multiple users that implemented secure access controls• Primarily designed to serve social organizations such as fraternities and sororities who have to deal with oftentimes large budgets over the course of a semester• Implemented using PHP, HTML, CSS, Javascript, MYSQL, and Bootstrap• Bcrypt was also implemented through PHP to handle password encryption, salting, and lengthening	Troy, NY
Jan. 2013 – May 2013	Priority Box (RPI) <ul style="list-style-type: none">• Personalized to-do list software implemented using C#• Developed as an exercise in Human-Computer Interaction• Strongly based on the Eisenhower Priority Matrix• Designed to be intuitive and simplistic	Troy, NY
EXTRACURRICULAR ACTIVITIES	<ul style="list-style-type: none">• Grand Master Shin's Tae Kwon Do Center – First degree black belt• The Fraternity of Phi Gamma Delta – Chapter Historian, Steward, Assistant Pledge Educator	

Excellent references available upon request