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**Objective:** Summer internship in web development , software development, or IT.

**Skills:** Experience in: Java, Python (including NumPy/SciPy), C++, Javascript, jQuery, Twitter Bootstrap, PHP, HTML, CSS, Web Standards, Wordpress, LaTeX, UML, MATLAB, Data Structures, MS Office

Knowledge of: git, Linux, Bash, cgroups, SQL, Cryptology, Processing (MIT), Arduino,  
Ability and willingness to quickly learn and apply new programming languages and technologies

Nontechnical Skills – Self-starter, Able to work independently, Leadership experience,  
Speaking/Presentation experience, Experience with working with teams, Web design experience

**Education:** COLUMBIA UNIVERSITY – School of Engineering and Applied Science  
Major: Computer Engineering, Sophomore  
Anticipated Graduation – May 2016  
Overall GPA – 3.5  
*Courses include Introduction to Computing for Engineering and Applied Science, Introduction to Electrical Engineering, Object Oriented Programming and Design*

Science and Engineering Learning Center  
Manalapan High School  
Graduated June 2012  
*Advanced Placement courses (AP Scholar with Distinction), Computer Science (C++, Java, Data Structures), Senior Design projects*

**Experience:** Red Hat Internship – RHEL Software Engineering Intern (May 2013 – August 2013)

- Prototyped a GUI for a cgroups management tool (PyGTK)
- Developed a web interface for a kernel tuning tool (PHP, jQuery, Bootstrap, SQLite)

Lights in the Sky – Website Design & Backend Development (May 2013 – Present)

- Personal project in collaboration with a friend
- Designed and implemented website from scratch (PHP, jQuery, HTML, CSS)

Senior Design Projects – Computer Interfacing (January 2012 – June 2012)

- Worked in a team of 3 to create a wireless inertial controller for 3-Dimensional positional input to a computer
- Designed one-way wireless protocol for communicating positional data
- Designed and developed software for visualization of positional control

Senior Design Projects – Robotics (September 2011 – January 2012)

- Worked in a team of 3 to create a mobile, remotely controlled robot driven by an internal pendulum
- Wrote interface software for remote control of robot from a laptop over WLAN
- Was presented to IEEE Jersey Coast section and received Science & Engineering Student Achievement Award

**Interests:** Web standards, design, and development; open source software