**Spencer Lee**

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| **Objective** | To obtain an internship for the summer of 2013. |
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| **Education** | **University of Pennsylvania, School of Engineering and Applied Science**  Philadelphia, PA  Candidate for Bachelor of Science in Engineering, May 2014  Major: Computer Engineering  Cumulative GPA: 3.86/4.0  **Relevant Coursework**: Introduction to digital circuit design, introduction to analog circuits, introduction to computer architecture, introduction to computer algorithms and data structures, software engineering, microcontrollers, operating systems, circuit level modeling and design, linear algebra, engineering statistics  **Honors**: Rachleff Scholar (2011-present), Dean’s List (2010-2011), Penn Undergraduate Research Mentoring Program selected participant (2011), Research Peer Advisor (2012). |
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| **Experience** | * Research Assistant, Dr. Daniel Lee, Professor in Electrical and Systems Engineering and Bioengineering, GRASP Lab, University of Pennsylvania**,** Summer 2011-Present   + Worked with bipedal robots to improve behavior, localization systems, locomotive stability, and computer vision. Programmed in Lua and maintained an extensive codebase through the Git version control system. * Participant in RoboCup 2011, Istanbul and RoboCup 2012, Mexico City   + Annual international conference concerning artificial intelligence, computer vision, localization and locomotion of humanoid robots. * Teaching Assistant, University of Pennsylvania   + *Introduction to Computer Architecture*, Fall 2012   + *Introduction to Analog Circuits Laboratory*, Fall 2012   + *Introduction to Digital Circuit Design*, Spring 2012   + *Introduction to Digital Circuit Design Lab*, Spring 2012   + *Introduction to Java Programming,* Spring 2011, Fall 2011 * Volunteer Accounting Assistant, Franklin Hospital**,** Summer 2008 |
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| **Computer Skills/**  **Languages** | * Java, C++, Lua, Python, C, Matlab * SQL: Oracle DB, MySQL, SQlite * HTML, JavaScript, JQuery and Python flask development framework * Xilinx development software, Electric VLSI design system, SPICE circuit simulator, VHDL * Android Development SDK * Git and svn version control systems * Bash shell navigation and scripting * Photoshop |
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| **Activities** | * *Member, Captain,* UPennalizers RoboCup team, University of Pennsylvania, Summer 2011-Present * *Rachleff Scholar,* Webmaster, University of Pennsylvania, Summer 2012-Present * *Volunteer*, Freshman Orientation Peer Advisor Fellow, University of Pennsylvania, Summer-Fall 2012 |