

# Rich Hong

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- Objective**                    Looking for a full time position in software development
- Education**                    **Carnegie Mellon University**, Pittsburgh, PA                    May 2010  
*Bachelor of Science* in Computer Science  
Minor: Robotics  
GPA: 3.7/4.0                    Dean's List: Fall 2008, Spring 2009
- Selected Coursework:
- 15-410: Operating System Design and Implementation
  - 15-462: Computer Graphics
  - 15-213: Introduction to Computer Systems
  - 15-312: Foundations of Programming Languages
  - 16-861: Mobile Robot Design
- Experience**                    *Network File System Quality Assurance Intern*                    Summer 2009  
NetApp (Network Appliance), California, CA
- Developed automation scripts for testing NetApp's NFS implementation
  - Improved on existing test scripts
- Student Research Assistant*                    Fall 2008 - Spring 2009  
Vision and Mobile Robotics Laboratory, CMU, Pittsburgh, PA
- Feature extraction library for 3-D point cloud
  - Automation scripts for 3-D point cloud classification
- Webmaster* at CMU Robotics Club                    Spring 2009 - Present
- Maintain and manage club website                    <http://www.roboticsclub.org>
- Information Technologist*                    Summer 2008  
McElhanney Consulting Services, Vancouver, BC
- Projects**                    Milk the Cow                    <http://code.google.com/p/milkthecow>
- A Remember The Milk Dashboard Widget for Mac OS X
  - Featured on Remember the Milk blog                    <http://j.mp/milkthecow>
- Robot Colony
- Robot Identification, Battery Prioritization, Autonomous Recharging, Simulator and ColoNet
  - Small Undergraduate Research Grant  
Investigating Reliability and Robustness in a Low-Cost Robot Colony                    Spring 2009  
Environment Mapping with a Low-Cost Robot Colony                    Fall 2008
- Skills**                    *Programming Languages:* C, C++, Perl, Standard ML, Java, Python, JavaScript  
*Software:* Git, SVN, Mathematica, Matlab, L<sup>A</sup>T<sub>E</sub>X
- Competitions**                    • 2nd Place in 15th Annual Mobot Races                    2009
- International MATE ROV Competition                    2006, 2007  
1st place in Technical Report and Engineering Evaluation in 2007
  - Best Experimental Film at BC Student Film Festival                    2006
  - Bronze medal at Canadian Computing Competition                    2005