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, LaTeX

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