

# Kurt R. Rudolph

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SUMMARY	A passionate engineer who loves finding solutions to problems. Currently pursuing entrepreneurial aspirations building out Rudy Industries. Hopes success in his career will enable him to continually face new and unique challenges.	
EXPERIENCE	<i>Software Engineer &amp; Founder</i> <b>Rudy Industries Inc</b>	Dec 2010 - Present
	<ul style="list-style-type: none"><li>• Founded during completion of undergrad to market computational services.</li><li>• Manage all financial and logistical aspects of the company.</li><li>• Have Largely been contracted as full-stack developer. Was one of 5 developers contracted who built <a href="#">SafelyFiled.com</a>.</li></ul>	
	<i>Mentor</i> <b>Bloc.io</b> , an online educational institute	January 2013 - Present
	<ul style="list-style-type: none"><li>• Teach programming fundamentals, specifically those surrounding the Ruby on Rails web framework.</li></ul>	
COMMUNITY SERVICE	<i>Director of Technology</i> <b>Muldowney Foundation</b> , charitable organization helping those with brain injuries	January 2011 - Present
	<ul style="list-style-type: none"><li>• Set up google apps and various other cloud based collaboration tools.</li><li>• Built <a href="#">MuldowneyFoundation.org</a>.</li><li>• Lead student project team working toward rehabilitation technology applications utilizing 3D cameras.</li></ul>	
COMPUTER SKILLS	<i>Programming Languages:</i> Ruby, C, CoffeeScript, C++, Javascript, PHP, Bash, OCaml, MIPS Assembly, Python, Matlab, Java. <i>Markup Languages:</i> HTML, LaTeX, Markdown, Haml, YAML, JSON. <i>Web Frameworks &amp; Common WebAPIs:</i> Ruby on Rails, Sinatra, Apache, NodeJS, jQuery, REST, Ajax, Backbone.js, Twitter-Bootstrap. <i>Other Tools &amp; Notable Proficiencies:</i> CUDA, OpenGL, Git, Subversion, Vim, Unix-Screen, SSH, able to administrate most Unix & Linux distributions (most experienced with MacOS, FreeBSD, and Ubuntu), navigate Mac OS <i>entirely</i> via keyboard, SQL (largely used MySQL), DynamoDB.	
EXTRA-CURRICULAR ACTIVITIES	Completion of <a href="#">VSCSE Proven Algorithmic Techniques for Many-core Processors</a> . Active participant of <a href="#">StackOverflow</a> . Personal website, <a href="#">KurtRudolph.net</a> (please see site more extra-curricular activities)	
EDUCATION	<i>Computer Science</i> , College of Engineering University of Illinois at Urbana-Champaign, August 2012	
	Database Systems (CS411)	Graph Theory (Math412)
	Data Mining (CS412)	Linear Algebra (Math415)
	Interactive Computer Graphics (CS418)	Differential Equations (Math441)
	Programming Languages and Compilers (CS421)	Probability Theory (Math461)
	Operating Systems Design (CS423)	Numerical Methods I & II (CS357 & CS457)
	Senior Project I & II (CS492 & CS493)	Computational Theory (CS373)
	Undergraduate Research Laboratory (CS498url)	Fundamental Algorithms (CS473)