

Kyle Farwell

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OBJECTIVE	A summer or part-time position with a focus on programming or systems administration.	
SKILLS	<p><i>Languages:</i> Rc shell, Bourne shell, JavaScript, (X)HTML(5), CSS(3), Python, Java, R, Haskell, C.</p> <p><i>Technologies:</i> Content Management Systems (werc), game programming (HTML5 canvas, GameMaker), Material design, CGI, RDBMS (MySQL).</p> <p><i>Software:</i> Nginx, Apache, GIMP, Inkscape, Blender, OpenShot, LaTeX, LibreOffice.</p> <p><i>Operating Systems:</i> GNU/Linux (APT, Portage, Pacman, RPM), OpenBSD, Plan 9 from Bell Labs, Android, Microsoft Windows.</p>	
PROJECTS	<i>werchan message board</i>	April 2015 - Present
	Personal	
	<ul style="list-style-type: none">• Written in rc shell (back end), highly-compatible HTML, CSS, and JavaScript (front end).• Based on the werc minimal CMS.• Deals with user-generated content (Markdown, input sanitization, filesystem).	
	<i>kotori.me server</i>	December 2013 - Present
	Personal	
	<ul style="list-style-type: none">• Publicly deploys many applications (SaaS, web, bot, game): Kareha, Etherpad, Ethercalc, YOURLS, KiwiIRC, Ratox, OpenSimulator.• Handles public-access services securely and efficiently with limited resources.• Internally deploys Debian GNU/Linux, Apache2, Apache Tomcat, MySQL, phpMyAdmin, Mailman, ownCloud, and Shell In A Box.	
	<i>Exploding Bob educational game</i>	March 2015 - May 2015
	School	
	<ul style="list-style-type: none">• Written in JavaScript, HTML5, and CSS3.• Uses the HTML5 canvas.• Created for the Apps4Learning program: (simulated) client work dealing with teamwork, requirements, deadlines, and meetings.	
	<i>Sits concert venue companion site</i>	May 2015
	Hackathon	
	<ul style="list-style-type: none">• Written in rc shell (back end), HTML, CSS, JavaScript, and jQuery (front end).• Based on the werc minimal CMS.• Designed to be easily deployable, modular, and hackable.• Mobile-first.• Written in a team in 36 hours for Hack The Orchestra at Centre in the Square.	

EXPERIENCE	<i>IT Support Tech</i> Summer 2013 Bruce Grey Catholic District School Board, Hanover, ON
	<ul style="list-style-type: none"> • Replaced network hardware. • Installed and updated software on Microsoft Windows XP, Windows Server 2003, and Apple Mac OS X computers. • Troubleshooted and closed support tickets.
	<i>Software Freedom Day Volunteer</i> September 2014 Computer Recycling, Kitchener, ON
	<ul style="list-style-type: none"> • Helped prepare for the event with planning and promotion. • Helped set up at the event. • Taught event attendees basic usage of Xubuntu GNU/Linux.
	<i>Laptop Refurbishment Volunteer</i> November 2014 - Present Computer Recycling, Kitchener, ON
	<ul style="list-style-type: none"> • Troubleshooted and fixed varied problems. • Specced out laptops and installed Xubuntu for resale. • Stripped laptops for recycling.
EDUCATION	<i>Secondary School</i> Fall 2012 - Present Bluevale Collegiate Institute, Waterloo, ON
	<ul style="list-style-type: none"> • Currently enrolled in grade 11. • Honour Roll standing. • Ontario Secondary School Diploma to be granted in June, 2016. • Final grade of 100% in Gr. 10 Introduction to Computer Studies. • Current grade of 100% in Gr. 11 Introduction to Computer Science. • Final grade of 96% in Gr. 11 Information and Communication Technology in Business. • Final grade of 96% in Gr. 10 Communication Technology. • Scored 45 points in the 2014 Junior Canadian Computing Competition. • Scored 24 points in the 2015 Senior Canadian Computing Competition.
	<i>Independent Coursework</i> Fall 2009 - Spring 2012 Real Programming 4 Kids, Waterloo, ON
	<ul style="list-style-type: none"> • Learned intermediate Visual Basic and Java. • Wrote Donkey Kong, Mario, and Asteroids clones.
INTERESTS	<p><i>Programming:</i> Web, scripts, games, regular attendance at DevHouse Waterloo.</p> <p><i>Music:</i> Piano (6 years), Guitar (1 year), attended Hack The Orchestra at Centre in the Square.</p> <p><i>Reading:</i> Mailing lists, forums, manga.</p> <p><i>Free software:</i> Free Software Foundation associate member, attended LibrePlanet 2015 at MIT in Cambridge, MA, regular attendance at the Kitchener-Waterloo Linux User Group.</p>