

<b>CONTACT INFORMATION</b>	Joel Friedly 90 Almedral Ave Atherton, CA 94027	Mobile: +1-419-974-1337 E-mail: <a href="mailto:joel.friedly@gmail.com">joel.friedly@gmail.com</a> GitHub: <a href="https://github.com/jfriedly">https://github.com/jfriedly</a>
<b>OBJECTIVE</b>	Mid-level software engineering position in an infrastructure services organization.	
<b>ABILITIES</b>	<ul style="list-style-type: none"><li>• Competent programmer in Java and Python, and some familiarity with C and C++.</li><li>• Responsible operator trusted to "figure out what's wrong and fix it" in production at both of my last two companies.</li><li>• Understand concepts of distributed consensus, cluster scheduling, data flow analysis, query optimization, and principles of API planning.</li><li>• Eager to learn: have recently been learning architectural principles of a distributed storage system. In the past, graduated valedictorian from high school, graduated college in three years, and wrote an <a href="#">implementation of Lisp</a> as a learning project.</li><li>• Can speak to customers, build rapport, and write user-facing documentation.</li></ul>	
<b>EXPERIENCE</b>	<ul style="list-style-type: none"><li>• Have been the senior on-call engineer for a 300-server <a href="#">object store</a>.</li><li>• Have worked on both data plane and control plane infrastructure services.</li><li>• Have developed software throughout the stack: machine image creation, <a href="#">PXE booting</a>, custom <a href="#">initramfs</a>, <a href="#">Upstart</a> jobs, database management, <a href="#">RESTful</a> infrastructure services, and standard website development.</li><li>• Experience with running both <a href="#">Ubuntu</a> and <a href="#">CentOS</a> on servers, and some familiarity with several other distributions.</li></ul>	
<b>EMPLOYMENT HISTORY</b>	<p>Have grown from being an intern web developer into a senior service author with significant operational responsibility.</p> <div><div><b>Oracle Corporation.</b>, Santa Clara, CA</div><div><b>May 2015 - present</b></div><div><b>Senior, Principal Member of the Technical Staff</b> on the Object Storage team<ul style="list-style-type: none"><li>• Original author of the web server frontend and perennial contributor later.</li><li>• Solely responsible for the feature set currently bringing in the majority of the service's revenue, <a href="#">Oracle DB</a> backups to Swift. Implemented the <a href="#">Swift API</a>, taught myself how to use <a href="#">RMAN</a>, thoroughly tested integration, and wrote the original documentation.</li><li>• Responsible for metrics collection, display, and alarming.</li></ul></div></div> <div><div><b>Nebula, Inc.</b>, Seattle, WA and Mountain View, CA</div><div><b>June 2012 - April 2015</b></div><div><b>Intern, Contractor, Software Engineer</b> on the Orchestration team<ul style="list-style-type: none"><li>• Contributed to various orchestration control plane features including live upgrade support, bare-metal and <a href="#">LXC</a> container provisioning, <a href="#">VIP</a> allocation, <a href="#">LDAP</a> compatibility, and internal image build and virtualization tools.</li><li>• Traveled to customer's offices many times for debugging and optimization work.</li></ul></div></div>	
<b>EDUCATION</b>	<b>Ohio State University</b> , Columbus, Ohio	<b>September 2010 - May 2013</b>
	<ul style="list-style-type: none"><li>• Earned a BS in <a href="#">Computer Science and Engineering</a> in three school years.</li></ul>	
<b>REFERENCES</b>	Available upon request.	