

# Timur Alperovich

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CONTACT INFORMATION	<ul style="list-style-type: none"><li>• <i>E-mail:</i> timur.alperovich@gmail.com</li><li>• <i>Phone:</i> 508-397-0302</li></ul>
PROFESSIONAL EXPERIENCE	<p><b>Bounce Storage</b> <i>Member of Technical Staff</i> <b>February 2015 - present</b> Contributed in all engineering aspects of Bounce. Namely: implemented the first iteration of the policy engine; implemented the Bounce configuration REST API; helped build the OpenStack Swift front-end; implemented the second iteration of the Bounce UI. Helped with some of the Bounce outbound activities in sourcing customers and investors.</p> <p><b>EMC</b> <i>Principal Software Engineer</i> <b>October 2014 - January 2015</b> Worked on profiling and improving end-to-end file system performance.</p> <p><b>Maginatrics (acquired by EMC)</b> <i>Senior Software Engineer</i> <b>July 2013 - October 2014</b> Designed and implemented point-in-time file system snapshots with one other engineer (critical for the company and customers). Designed and provided a reference implementation of a service-oriented architecture. Participated in resolving customer support cases. I also developed tools for the QA engineers to improve testing efficiency.</p> <p><i>Software Engineer</i> <b>May 2012 - July 2013</b> Implemented high availability for the file system. The feature was critical to the first customer and implemented on a two week schedule. Implemented a horizontally scalable architecture.</p> <p><b>Microsoft Corporation</b> <i>Software Development Engineering Intern</i> <b>Summer 2008</b> I worked on analyzing the security of Windows Messenger. I created a messenger proxy to be used for the purpose of fuzzing messenger clients.</p>
EDUCATION	<p><b>University of Michigan (advisor: Brian Noble)</b> M.S., Computer Science, May 2010 (left the PhD program in April, 2012) Worked on wireless networking, passive network measurements, mobile systems.</p> <p><b>University of Massachusetts Amherst</b> B.S., Computer Science, May 2008; B.S., Physics, May 2008</p>
OPEN SOURCE CONTRIBUTIONS	Contributed to fog, rails, mysql2 gem, dpkt, thrift, jclouds. Github user: timuralp
SELECTED PUBLICATIONS	Intentional networking: opportunistic exploitation of mobile network diversity Brett D. Higgins, Azarias Reda, <i>Timur Alperovich</i> , et al. MobiCom 2010 (Conference on Mobile Computing and Networking) <p>The Case for Elastic Access <i>Timur Alperovich</i> and Brian Noble MobiArch 2010 (Workshop on Mobility in the Evolving Internet Architecture)</p>
LANGUAGES & FRAMEWORKS	Ruby, Python, Java, C, JavaScript, C++ (less recently). Familiar with Rails, Fog, ZooKeeper.