

MISSION	<p>Some people told me I was crazy to become an engineering manager. I heard this most frequently from other managers, who grouched that the software industry only rewards technical skill. From my perspective, new technical skills are always interesting to learn and apply, but by far the most rewarding experiences in my career have all been about helping other engineers. I think I'm lucky to have the opportunity to build, mentor and support teams of engineers at all experience levels, who I can learn from.</p>	
TECHNICAL SKILLS	<p>Scala: Scalaz, Spray, Akka, Finagle, ScalaTest, ScalaCheck, Shapeless, SBT</p> <p>Java: Guice, Jersey, Jackson, JUnit, Hamcrest, Mockito, Maven</p> <p>Other languages: Haskell, JavaScript, C/C++, SQL</p> <p>More useful stuff: JIRA, Hadoop (Cascading, Scalding), Explaining monads, Rebooting things</p>	
MODERN HISTORY	<p>Twitter · Tech Lead / Engineering Manager. San Francisco, CA</p> <p>Managed three teams responsible for authentication, rate-limiting and Finagle-based REST frameworks</p> <p>Provided one-on-one coaching for engineers ranging from interns to senior staff</p> <p>Led decomposition of monolithic REST API service, to improve site stability and developer productivity</p> <p>Taught "Scala School" course to hundreds of new hires, emphasizing correct use of Finagle futures</p> <p>Facilitated debates about distributed systems, functional programming, dependency injection and testing</p>	04.2013 - 10.2015
	<p>Marakana · Expert (Instructor). San Francisco, CA</p> <p>Researched, developed and delivered new training courses on Scala, Hadoop and JAX-RS</p> <p>Modernized Marakana's Java courses, including fundamentals, concurrency and web development</p> <p>Community events: organized the SF Scala meetup, and production of NEScala 2012 conference videos</p> <p>Business development: spearheaded Scala training partnership with Typesafe (now Lightbend)</p>	11.2011 - 04.2013
	<p>Atlassian · Senior Java Developer / Developer Advocate. San Francisco, CA</p> <p>Wrote plugin development tutorials, documentation, presentations and blogs</p> <p>Answered development questions posted on the forums, wiki, IRC chat and email</p> <p>Maintained cross-product plugin SDK and built the "Developer" tab in the Universal Plugin Manager</p> <p>Designed and built plugin usage tracking dashboard for the Atlassian Plugin Exchange</p>	03.2010 - 08.2011
	<p>Coverity · Senior Software Engineer / Sales Engineer. San Francisco, CA</p> <p>Led training sessions on software quality, static analysis theory, reporting accuracy and other topics</p> <p>Planned and executed technical strategy for major customers, closing over \$1.5 million in product sales</p> <p>Developed fast virtual function call resolution and checkers for static defect detection in COM code</p> <p>Authored initial technical and UI specifications for Visual Studio and Eclipse IDE plugins</p> <p>Directed team of offshore developers responsible for initial development and testing of IDE plugins</p>	09.2006 - 04.2009
ANCIENT HISTORY	<p>Cloudmark · Software Engineer. San Francisco, CA</p> <p>Developed and deployed four novel fingerprinting algorithms for email content classification</p> <p>Led system-wide rearchitecture effort to support virus detection</p> <p>Wrote i18n/i10n framework from scratch, and internationalized client applications</p>	08.2004 - 12.2005
	<p>AOL Music · Software Engineer. San Francisco, CA</p> <p>Led four-person client development team for AOL Music's internet radio services</p> <p>Implemented subset of XPath query language to simplify processing of XML metadata snippets</p>	02.2003 - 12.2003
	<p>DoCoMo USA Laboratories · Research Engineer (Contract). San Jose, CA</p> <p>Researched new programming models for multimodal application development and deployment</p> <p>Designed and built prototype system enabling roaming, offline use of multi-platform web applications</p>	04.2002 - 12.2002
	<p>Netscape Communications / AOL · Software Engineer. Mountain View, CA</p> <p>Represented Netscape to the W3C XSL group; contributed to XSL 1.0 and XPath 2.0 standards</p> <p>Contributed to Mozilla's cross-platform UI toolkit and embedding API</p>	07.2000 - 09.2001
EDUCATION	<p>Brown University · Providence, RI</p> <p>Awarded Bachelor of Arts with Honors in Computer Science, May 2000</p> <p>Received Senior Prize in Computer Science, funded by the William Gaston Premium Scholarship</p> <p>Received Honors in Computer Science for thesis work, "Topics in Markup and Software Engineering"</p>	09.1996 - 05.2000