

SUMMARY	<p>Software engineer seeking a new career as a high school teacher. In over 18 years in the software industry, the times when I've most strongly felt I'd done something of real value were those when I helped people learn. I've been lucky to find occasional teaching opportunities through my work — either as an instructor, a mentor, a manager or even as a peer — but I believe I can have a much greater positive impact and more personal satisfaction by committing myself to public education.</p>
SKILLS	<p><b>Programming languages &amp; tools:</b> Java (Eclipse, Maven, JUnit), JavaScript (Node.js), Scala, Haskell, C/C++.</p> <p><b>Teaching:</b> curriculum development, presentation (live and recorded), hands-on pedagogy, individual mentoring.</p>
CAREER	<div><div><b>Cimpress · Architect / Squad Lead. Waltham, MA</b></div><div>03.2017 - Present</div><div>Managed a team of five engineers responsible for authentication and authorization protocols. Gave frequent customer presentations, both prepared and impromptu, about the systems we support. Led group problem-solving and brainstorming discussions to build team understanding and consensus.</div></div> <div><div><b>Twitter · Tech Lead / Engineering Manager. San Francisco, CA</b></div><div>04.2013 - 10.2015</div><div>Managed three teams responsible for Twitter's REST API, including auth, rate-limiting and Scala frameworks. Developed "Scala School" course and taught to all engineers in new-hire onboarding. Provided 1:1 coaching and performance management for 10 engineers ranging from interns to senior staff. Mentored three aspiring junior engineers at Hackbright, a local developer bootcamp for women. Facilitated debates about distributed systems, functional programming, dependency injection and testing. Presented on "Purely Functional Data Structures" at JavaOne 2013.</div></div> <div><div><b>Marakana · Lead Instructor. San Francisco, CA</b></div><div>11.2011 - 04.2013</div><div>Taught and coached over 1,000 engineers in person and via LiveLessons (published by Addison-Wesley). Researched, developed and delivered new training courses on Scala, Hadoop and JAX-RS. Modernized Marakana's Java courses, including fundamentals, advanced concurrency and web development. Community events: organized the SF Scala meetup, and production of NEScala 2012 conference videos. Business development: spearheaded Scala training partnership with Typesafe (now Lightbend).</div></div> <div><div><b>Atlassian · Senior Software Engineer / Developer Advocate. San Francisco, CA</b></div><div>03.2010 - 08.2011</div><div>Wrote plugin development tutorials, documentation, presentations and blogs. Maintained cross-product plugin SDK and built the "Developer" tab in the Universal Plugin Manager. Designed and built plugin usage tracking dashboard for the Atlassian Plugin Exchange (now Marketplace).</div></div> <div><div><b>Coverity · Senior Software Engineer / Sales Engineer. San Francisco, CA</b></div><div>09.2006 - 04.2009</div><div>Led training sessions on software quality, static analysis theory, reporting accuracy and other topics. Planned and executed technical strategy for major customers, closing over \$1.5 million in product sales. Designed and delivered Visual Studio and Eclipse IDE plugins, directing a team of offshore developers.</div></div> <div><div><b>Cloudmark · Software Engineer. San Francisco, CA</b></div><div>08.2004 - 12.2005</div><div>Contributed to anti-spam product, including fingerprinting, virus detection and internationalization.</div></div> <div><div><b>AOL Music · Technical Lead. San Francisco, CA</b></div><div>02.2003 - 12.2003</div><div>Led four-person client development team for AOL Music's internet radio services.</div></div> <div><div><b>DoCoMo USA Laboratories · Research Engineer (Contract). San Jose, CA</b></div><div>04.2002 - 12.2002</div><div>Researched new programming models, and prepared all technical reports and patent applications for the team.</div></div> <div><div><b>Netscape Communications / AOL · Software Engineer. Mountain View, CA</b></div><div>07.2000 - 09.2001</div><div>Represented Netscape to the W3C XSL group; contributed to XSL 1.0 and XPath 2.0 standards. Contributed to Mozilla's cross-platform UI toolkit and embedding API.</div></div> <div><div><b>Brown University · Providence, RI</b></div><div>09.1996 - 05.2000</div><div>Awarded Bachelor of Arts with Honors in Computer Science, May 2000. Received Senior Prize in Computer Science, funded by the William Gaston Premium Scholarship.</div></div> <div><div><b>Newton North High School · Newton, MA</b></div><div>09.1991 - 05.1996</div><div>Member of Science Bowl and Olympiad competition teams that placed first in New England every year. Worked as teaching assistant for Italian language classes, and was awarded a scholarship from Sons of Italy.</div></div>