

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>Programming languages & tools: Java (JUnit, Maven), JavaScript (Node.js, Express, Mocha), Scala, Haskell, C/C++.</p> <p>Teaching: curriculum development, presentation (live and recorded), hands-on pedagogy, individual mentoring.</p>
CAREER	<div><div><p>Cimpress · Architect / Squad Lead. Waltham, MA</p><p>03.2017 - Present</p><p>Managed a team of five engineers responsible for authentication and authorization protocols.</p><p>Gave frequent customer presentations, both prepared and impromptu, about the systems we support.</p><p>Led group problem-solving and brainstorming discussions to build team understanding and consensus.</p></div><div><p>Twitter · Tech Lead / Engineering Manager. San Francisco, CA</p><p>04.2013 - 10.2015</p><p>Managed three teams responsible for Twitter's REST API, including auth, rate-limiting and Scala frameworks.</p><p>Developed "Scala School" course and taught to all engineers in new-hire onboarding.</p><p>Provided 1:1 coaching and performance management for 10 engineers ranging from interns to senior staff.</p><p>Mentored three aspiring junior engineers at Hackbright, a local developer bootcamp for women.</p><p>Facilitated debates about distributed systems, functional programming, dependency injection and testing.</p><p>Presented on "Purely Functional Data Structures" at JavaOne 2013.</p></div><div><p>Marakana · Lead Instructor. San Francisco, CA</p><p>11.2011 - 04.2013</p><p>Taught and coached over 1,000 engineers in person and via LiveLessons (published by Addison-Wesley).</p><p>Researched, developed and delivered new training courses on Scala, Hadoop and JAX-RS.</p><p>Modernized Marakana's Java courses, including fundamentals, advanced 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></div><div><p>Atlassian · Senior Software Engineer / Developer Advocate. San Francisco, CA</p><p>03.2010 - 08.2011</p><p>Wrote plugin development tutorials, documentation, presentations and blogs.</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 (now Marketplace).</p></div><div><p>Coverity · Senior Software Engineer / Sales Engineer. San Francisco, CA</p><p>09.2006 - 04.2009</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>Designed and delivered Visual Studio and Eclipse IDE plugins, directing a team of offshore developers.</p></div><div><p>Cloudmark · Software Engineer. San Francisco, CA</p><p>08.2004 - 12.2005</p><p>Contributed to anti-spam product, including fingerprinting, virus detection and internationalization.</p></div><div><p>AOL Music · Technical Lead. San Francisco, CA</p><p>02.2003 - 12.2003</p><p>Led four-person client development team for AOL Music's internet radio services.</p></div><div><p>DoCoMo USA Laboratories · Research Engineer (Contract). San Jose, CA</p><p>04.2002 - 12.2002</p><p>Researched new programming models, and prepared all technical reports and patent applications for the team.</p></div><div><p>Netscape Communications / AOL · Software Engineer. Mountain View, CA</p><p>07.2000 - 09.2001</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></div></div>
EDUCATION	<div><div><p>Brown University · Providence, RI</p><p>09.1996 - 05.2000</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></div><div><p>Newton North High School · Newton, MA</p><p>09.1991 - 05.1996</p><p>Member of Science Bowl and Olympiad competition teams that placed first in New England every year.</p><p>Worked as teaching assistant for Italian language classes, and was awarded a scholarship from Sons of Italy.</p></div></div>