

SUMMARY	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.	
SKILLS	Programming languages & tools: Java (Eclipse, Maven, JUnit), JavaScript (Node.js), Scala, Haskell, C/C++. Teaching: curriculum development, presentation (live and recorded), hands-on pedagogy, individual mentoring.	
LICENSURE	Mathematics (8-12): Provisional license (#505392), issued 06.28.2018	
CAREER	Cimpress · Architect / Squad Lead. Waltham, MA	03.2017 - Present
	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.	
	Twitter · Tech Lead / Engineering Manager. San Francisco, CA	04.2013 - 10.2015
	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.	
	Marakana · Lead Instructor. San Francisco, CA	11.2011 - 04.2013
	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).	
	Atlassian · Senior Software Engineer / Developer Advocate. San Francisco, CA	03.2010 - 08.2011
	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).	
	Coverity · Senior Software Engineer / Sales Engineer. San Francisco, CA	09.2006 - 04.2009
	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.	
EDUCATION	Cloudmark · Software Engineer. San Francisco, CA	08.2004 - 12.2005
	Contributed to anti-spam product, including fingerprinting, virus detection and internationalization.	
	AOL Music · Technical Lead. San Francisco, CA	02.2003 - 12.2003
	Led four-person client development team for AOL Music's internet radio services.	
	DoCoMo USA Laboratories · Research Engineer (Contract). San Jose, CA	04.2002 - 12.2002
	Researched new programming models, and prepared all technical reports and patent applications for the team.	
	Netscape Communications / AOL · Software Engineer. Mountain View, CA	07.2000 - 09.2001
	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.	
	Brown University · Providence, RI	09.1996 - 05.2000
	Awarded Bachelor of Arts with Honors in Computer Science, May 2000. Received Senior Prize in Computer Science, funded by the William Gaston Premium Scholarship.	
	Newton North High School · Newton, MA	09.1991 - 05.1996
	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.	