

Jeff Bowman

Senior Staff Software Engineer in San Jose, CA · he/him

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Tech Lead of Google Maps Platform SDKs for Android, iOS, and Javascript. In my role I support and advocate for cross-organization solutions: Propose, design, measure, get buy-in, track, and deliver.

I love inheriting hacks old and new and engineering them into solid, clean solutions, particularly regarding internal and external APIs. I also enjoy honing my writing and presentation skills and helping fellow developers through [my contributions on StackOverflow](#).

Recent work

Google

Software Engineer (2010 - present, 4 promotions)
currently Senior Staff Software Engineer

- **Google Maps Platform** (2020 - present)
Area Tech Lead across all Maps Platform mobile SDKs and Javascript APIs, representing the work of 40+ engineers. I create and track cross-cutting proposals for improved performance, API surfaces, and reliability efforts including testing. I also support, advocate for, and measure team efforts to executives and to other TLs.
- **Google Maps for Android** (2013 - 2019)
Contributing engineer and Platform Architecture TL for one of the most widely-used Android applications in the world. Codebase-wide refactors and testing, including unit, integration, and screenshot tests. Tech Lead of a team of 5 engineers.
- **Internal CRM tool** (2010 - 2013)
Contributing engineer on a Java/JSP/GWT internal tool.

Volunteer/personal work

Anthropomorphic Arts and Education, LLC

Convention staff (2012 - present) and nonprofit Board of Directors (2017 - present)

Executive staff for a 4000+-attendee fan convention with a \$300k+ annual budget held annually at the San Jose Convention Center. Roles include Chairman (2015, 2017), Programming Director, Marketing Director, and Executive Secretary. Elected to Board as a *Director at Large* in 2017. Responsibilities include scheduling and data tracking, business arrangements with partner hotel and business organizations, graphic design work, leadership of 150+ volunteer staff members, and public speaking on behalf of the organization.

StackOverflow

Personal contributions (2012 - present)

As of February 2024, I am in StackOverflow's **top 1500 contributors or top 0.2%** (by reputation points). I am one of two **gold badge** contributors to **dagger-2**, and I am the sole gold badge contributor on the topics of **guice** and **mockito**. Based on pageviews to my highly-ranked answers, StackOverflow has estimated my total impact as **reaching ~8 million people**. See my [Q&A highlights page](#).

Previous experience

- **Livescribe, Inc.** (consumer tech startup): Oakland, CA, 2007 - 2010
Web Developer / Web Services Intern: ActionScript 3, Javascript, HTML
- **The Daily Californian** (student newspaper): Berkeley, CA, 2006 - 2008
Web Developer / Online Manager: PHP/HTML, developed CMS, managed 2 other developers
- **Democratic Education at Cal**: Berkeley, CA, 2005 - 2008
Webmaster / Program Co-Director: PHP/HTML, developed CMS (still in use as of 2021)
- **Xanga.com Inc.** (blogging platform): Freelance Designer, 2004 - 2006
Web and Interactive Ad Developer: Flash/ActionScript 2

Skills

Languages

- **Fluent:** Java for Android, JavaScript, TypeScript
- **Comfortable:** Bash, Kotlin for Android, Python
- **Conversational:** C, C++, Go
- **Markup:** HTML, CSS, XML/XSLT/XPath, Markdown, JSX/TSX

Tools and libraries

- **Front-End:** Vue, Angular, React, Preact
- **Testing:** Mocha, Chai, JUnit, Puppeteer
- **Web app framework:** Django
- **Dependency injection:** Dagger, Hilt, Guice
- **Database:** MySQL, Supabase
- **Data:** Protocol Buffers
- **Build:** Bazel/Starlark
- **Source control:** Git, Perforce, Mercurial

Other skills

- Tech leadership
 - Project advocacy and management
 - Project breakdowns and delegation
 - Impact measurement
 - Mentorship and team career growth
- SDK management and API design
- Test plans: unit, system, integration, and E2E test design and implementation
- Graphic and layout design (Photoshop, InDesign, Premiere, After Effects)

Education

University of California, Berkeley
B.A. in Computer Science

Other interests

- Flying (Private pilot)
- Lindy Hop swing dancing
- Photography and video editing
- Embedded and IoT programming