

# JONATHAN LIPPS

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## /\* OVERVIEW \*/

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I am a multilingual generalist open-source software developer with 15 years of professional experience, intimate with the modern dev stack from high-level frameworks to scaling technologies. I'm a design-thinking philosopher and a proven engineering leader who champions those on my team.

## /\* WORK EXPERIENCE \*/

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- 2016 - now     SAUCE LABS, Vancouver, BC – <http://saucelabs.com>  
Node.js   Web Standards   OSS   Selenium   Appium   Evangelism   Writing
- **Director of Open Source** – own open source strategy for the company, particularly Appium
  - Lead evangelism and developer advocacy at conferences and meetups around the world.
  - Work with product, marketing, and engineering to ensure open source ecosystem health.
- 2014 - 2016     SAUCE LABS, San Francisco, CA – <http://saucelabs.com>  
Node.js   Python   Microservices   Selenium   Appium   Agile   SCRUM
- **Director of Engineering** – built and managed teams of developers in an agile setting.
  - Hiring, career guidance, managerial responsibility, and mentorship for over 10 direct reports.
  - Fulfilled roles of Product Owner for Sauce's Appium cloud and Sauce's REST API.
  - Evangelism, developer advocacy at conferences and meetups, and Appium leadership.
- 2012 - 2014     SAUCE LABS, San Francisco, CA – <http://saucelabs.com>  
Python   Node.js   Java   Twisted   Monocle   Pylons   Microservices   Selenium  
SCSS   S3   EC2   iOS   Android   TDD   Ubuntu
- **Senior Software Engineer** - 7<sup>th</sup> employee at cloud-based testing SaaS company.
  - Developed all aspects of cloud infrastructure, backend, and frontend.
  - Built (in Node.js) world's most popular open source mobile testing tool: <http://appium.io>.
  - Spoke at dozens of technology conferences and meetups as developer and open source advocate.
- 2011-2012     COMENDI, San Francisco, CA – <http://comendi.com>  
Python   JS   Django   memcached   MySQL   Celery   Sphinx   jQuery   Selenium  
SCSS   S3   EC2   UWSGI   Nginx   Ubuntu
- **Co-Founder / CTO** – got funding to build powerful social recommendations app.
  - Responsible for all software development (backend, frontend, mobile, ops) and technical decisions. Designed a scalable architecture on top of AWS.
- 2008-2010     BACKLIGHT, San Francisco, CA – <http://backlight.org>  
PHP   JS   memcached   MySQL   ActionScript   jQuery   S3   Apache   Linux
- **Co-Founder / CTO**
  - Incubated in Facebook's fbFund REV accelerator.

2003-2010 **FREELANCE SOFTWARE CONSULTING**, Palo Alto, CA

PHP JS MySQL Ruby/Rails Prototype Dojo Apache Linux

- Short-to-medium-term projects including for **Admob** (via **SitePen**) and **BCorp**
- Helped found **Inside Facebook** (acquired WebMediaBrands 2011), and e-learning startup **Teleios** (Orlando, FL)
- Personal entrepreneurship, including applications which are still active:
  - A suite of Facebook applications (<http://apps.facebook.com/booktracker>, 100k+ users)
  - A group reimbursement tool (<http://expenseus.com>, 8k+ passionate users)

## */\* EDUCATION \*/*

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2011 **OXFORD UNIVERSITY**, MPhil in **General Linguistics and Comparative Philology**

- Thesis: *A Lexical-Functional Analysis of Swahili Relative Clauses* ([PDF](#))
- Built a large computational model of Swahili syntax.
- Built a robust morphological analyzer written in XFST and a complex parser/generator written in the XLE framework for LFG.
- Presented work at the ParGram 2011 conference in Debrecen, Hungary, and the Autumn 2010 LFG-SE conference in London.

2004 **STANFORD UNIVERSITY**, MA in **Philosophy** & BA in **Philosophy**

- Concentrations: Logic, Metaphysics, Epistemology, Philosophy of Language, and the Philosophy of Science.

## */\* SKILLS, AWARDS & PERSONAL ACTIVITIES \*/*

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### OTHER TECHNOLOGICAL EXPERTISE

Go C++ C# CoffeeScript SQLite Redis React Redux Angular FP Meteor  
Express Cordova UX/UI Design Machine Learning NLP Computational Linguistics

### AWARDS & RECOGNITION

- Distinction in MPhil and thesis at Oxford 2011
- Bowers Award (\$20,000 p.a. scholarship) 2009 – 2011
- University High School Valedictorian (Orlando, FL) 2000

### PERSONAL

- Speak Spanish fluently. Reading knowledge of French, German, Swahili.
- Enjoy rock climbing, yoga, running, and cycling, and write/record music as Splendour Hyaline.
- Helped start <http://hoperuns.org> while living in Kenya.
- Research, write, and speak about the philosophy of technology.