JONATHAN LIPPS

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/* OVERVIEW */

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 */

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** - 7th 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 */

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 */

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.