

JONATHAN LIPPS

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/ TL;DR */*

I am a multilingual generalist open-source software developer with over 20 years of professional experience, an indispensable team player at any level of an organization, and a kickass public communicator.

/ WORK EXPERIENCE */*

2020 - **now** **HEADSPIN**, Vancouver, BC – <https://headspin.io>

Video Streaming OSS Node.js Speaking Appium Evangelism Typescript

- **Director of Learning and Education** – created HeadSpin University.
- Designed enthusiastically-reviewed Appium online video course.
- Led Appium project through biggest change yet, to Appium 2.0.

2017 - 2020 **CLOUD GREY**, Vancouver, BC – <https://cloudgrey.io>

Consulting Training OSS Node.js Speaking Selenium Appium Evangelism

- **Founding Principal** – Started this mobile testing-focused consultancy while maintaining Appium.
- Created Appium Pro—the weekly Appium newsletter.
- Helped clients all around the world with mobile automation strategy and training.

2012 - 2017 **SAUCE LABS**, San Francisco, CA & Vancouver, BC – <http://saucelabs.com>

Node.js Standards OSS Selenium Appium Evangelism Writing Python
Microservices Java

- **Director of Open Source** – owned open source strategy for the company, particularly Appium, and led evangelism and developer advocacy. Continued to maintain and lead the Appium project.
- **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.
- **Senior Software Engineer** – early employee at this cloud-based testing SaaS company. Developed all aspects of cloud infrastructure, backend, and frontend. Built (in Node.js) the world's most popular open source mobile testing tool: <http://appium.io>.

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.

2001-2010 **FREELANCE SOFTWARE CONSULTING**, Palo Alto, CA

PHP

JS

MySQL

Ruby/Rails

Prototype

Dojo

Apache

Linux

- Short-to-medium-term projects including for **Admob**, **Stanford University**, **BCorp**, **Inside Facebook** (acquired WebMediaBrands 2011), and e-learning startup **Teleios** (Orlando, FL)

/ EDUCATION */*

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

- Thesis: **A Lexical-Functional Analysis of Swahili Relative Clauses** ([PDF](#))
- Built a computational model of Swahili syntax, 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.

/ EVERYTHING ELSE */*

PRESENTATIONS

- I've produced three courses on LinkedIn Learning, including: [Test Automation with Python](#), and [Mobile Testing with Appium](#).
- [Appium: the Next Five Years](#) - a talk which I conclude by playing a song along with an Appium-powered mobile app orchestra.
- [The Philosophy and Future of Automation](#) - a philosophical and artistic investigation into what automation is all about beyond the day-to-day of our jobs, and why it can be a very ambivalent thing.

AWARDS & RECOGNITION

- Distinction in MPhil and thesis at Oxford 2011
- Bowers Award (full Oxford scholarship) 2009 – 2011
- University High School Valedictorian (Orlando, FL) 2000

PERSONAL

- I volunteer as a board member of [Reimagine](#).
- I love learning languages, and speak Spanish fluently.
- I'm constantly reading (and writing) on topics in philosophy, technology, theology, etc...
- I enjoy rock climbing, yoga, running, cycling, and other outdoor pursuits.
- I produce music, usually with the band [Splendour Hyaline](#).