

Jonathan Leung

Info

jonl.org
me@jonl.org
San Francisco, CA

Links

[github.jonl.org](https://github.com/jonl)
[linkedin.jonl.org](https://www.linkedin.com/company/jonl)
[facebook.jonl.org](https://www.facebook.com/jonl)

Technical Expertise

UX focused engineer
fluent in JavaScript
(various frontend frameworks), Ruby (Rails, Sinatra), Design (HTML, CSS), Java, and various git workflows, Hardware (Arduino, Raspberry Pi, mbed, analog and digital circuitry, etc). Prior experience in Node.js, Python (Django, Flask, Bottle), C, C++, SQL, MongoDB, Redis, and AWS.

Other Expertise

Teaching, Explaining
Complex Concepts,
Operations, Event
Planning, Creating
Intimate & Welcoming
Communities

Education

B.S.E. in Computer
Engineering @ The
University of
Pennsylvania

School for Poetic
Computation

Funzies

I love to meditate, do
yoga, beatbox, write
poetry, compose music,
and create events that
have all warm fuzzies and
/ or are super weird
(blindfolded stranger
dinner).

TECHNICAL LEADERSHIP EXPERIENCE

Founder & Director of Education @ [Hack Club](#), 2014 - 2016

Non-profit that helps high school students start coding clubs

- Grew from 0 to 1500 members in 70 schools, 16 states, and 7 countries
- Named as Forbes 30 under 30 in Education in 2016
- Raised over \$75,000 in funding from donors including Joe Lonsdale and Geoff Ralston (a partner at Y Combinator).
- Hack Club is now in 1% of all US high schools.

Ruby on Rails Instructor @ [General Assembly](#), 2013

- Taught 21 students with no coding experience Ruby on Rails, 86% of whom acquired development jobs within 3 months.

Lead Organizer @ [PennApps](#), 2009 - 2012

- Grew PennApps, the the first multi-university hackathon, from 80 to over 1,000 people and is now one of the largest hackathons in the world.

Curriculum Developer and Instructor @ [All Star Code](#), 2014 & 2016

- Created the curriculum and taught 20 minority high school students how to code and empowered them to start their own profit and hackathon, the [Young Hackers](#).
- In 2016, came back to train employees to create curriculum internal org processes.

SOFTWARE ENGINEERING EXPERIENCE

Software Engineering Contractor @ [Parkloco](#), May 2016

- Sprinted with their team for 7 weeks to meet an important deadline by helping them create requirements, re-architecting their Backbone front-end, and adding several critical internal and user-facing features

Software Engineering Intern @ [Perceptual Networks](#), 2012

- Architected and built the internal API platform on top of Rails.

Software Engineering Intern @ [Gobbler](#), 2011

- Architected and built an internal tool using Rails to discover and respond to mentions of the company on Twitter, blogs, forums, and the larger internet.

Software Engineering Intern @ [Kod*lab Robotics Lab](#), 2010

- Architected and built an offline GPS plotting system for the lab's robots in Python and GTK.

TECHNICAL PROJECTS

Distraction Free Facebook Messenger, [GitHub Link](#), 2014

Chrome Extension that removes clutter on FB messenger

- 59,815 downloads from the Chrome Web Store (now deprecated because of messenger.com), 5,597 monthly actives on average, 4.5 stars with 128 votes

Ferrari Search Engine, 2013

Distributed search engine built in Java

- Architected and PM-ed a search engine inspired by a Google white paper.
- Built the filestore, reverse indexer, frontend and launched it on EC2
- Crawled and indexed a corpus of 350,000 web pages and optimized search queries to return results within .079 seconds on average.

ModMail, [Demo Video](#), 2013

A service that enables modifying your emails after they're in someone else's inbox

- Designed, architected, and led the team. 3rd Place at HackNY.

Ujumbo, [Demo Video](#), 2013

CRM built on Google Sheets & Forms

- Built a CRM on top of Google Sheets + Forms that allows you to send and receive text messages and emails from a Google Sheet built entirely with Google Scripts (demo video).