

Jonathan Leung

Info

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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

Fluent in Ruby (Rails, Sinatra), JavaScript (various frameworks), Design (HTML, CSS), Java, and various git workflows. Prior experience in Node.js, Python (Django, Flask, Bottle), C, C++, SQL, MongoDB, Redis, and AWS.

Social Expertise

Teaching, Creating Intimate & Welcoming Communities, Event Planning

Education

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

Funzies

I love to meditate, do yoga, beatbox, write poetry, compose music, and create events that have all warm fuzzies.

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.
- Raised funding from donors including Joe Lonsdale and Geoff Ralston (a partner at Y Combinator).
- Named as Forbes 30 under 30 in Education in 2016

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

- 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](#).

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.

SOFTWARE ENGINEERING EXPERIENCE

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, [Chrome Web Store Link](#), 2014

Chrome Extension that removes clutter on FB messenger

- 59,815 downloads from the Chrome Web Store, 5,597 monthly actives, 4.5 stars with 128 votes (as of March 16th 2016)

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 datastore, 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).

Twilio Basic API, [GitHub](#), 2015

A simplified client-side Twilio library for beginners

- Insert the library by simply adding this script tag

```
<script src="//bit.ly/twilio-basic-v7" sid="X" token="Y"></script>
```
- Send an SMS:

```
Twilio.sendMessage("555-555-5555", "Hello World!");
```