Jonathan Leung

Info
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Technical Expertise
Fluent in Ruby (Rails, Sinatra), JavaScript (Front end), Design (HTML, CSS), Git. Prior experience in Node.js, 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 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).

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!");
  ```