

# Jonah Arlo Schwartz

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## Skills

### Technical

- ▷ Proficient in JavaScript/jQuery, HTML/HAML, CSS, Python, Git/Github
- ▷ Working knowledge of Ruby on Rails, templating with Mustache and Handlebars, D3, Chart.js, PHP, Ruby, bash, Unity, C#, C++, C, MatLab, Android development, and JIRA

### Other Skills

- ▷ German (fluent, 2011 - 2015), Spanish (proficient, 2004 - 2011)
- ▷ Bicycle Mechanic, Slacklining, LaTeX, Mac OS, Linux, Windows, Social Media,

## Employment

### Software Engineer · Freelance, Oakland CA

Nov 2016 - Present

Fixing, updating, and building new websites for companies and individuals around the Bay Area.

- ▷ Front End Development: Using HTML, CSS, JavaScript, PHP, Wordpress, and other languages and frameworks to modernize and update the interface used daily by clients, customers, and employees.
- ▷ Design: Contributing experience and expertise to the design process, working in teams and one-on-one with clients to make the most effective and user-friendly websites and web-apps.
- ▷ Bloom Farms: Redesign and rebuild of corporate website, giving a clean and modern face to a leader in the CA Cannabis Industry. GetBloomFarms.com

### Software Engineer · MyLikes, Inc., San Francisco CA

Oct 2015 - Aug 2016

MyLikes is a SOMA-based start-up which creates products advancing social advertising and social networking.

- ▷ Post Intelligence - Lead front-end development and assisted in design of a social media scheduling tool, which provides analytics and insights on post performance, and suggests targeted content for users to post. PostIntelligence.ai
- ▷ MyLikes Corporate Site - Rebuilt the loggedout website, assisted in the design and planning. MyLikes.com
- ▷ Friendlife Livestreaming - Added UI features for Livestreaming and Guest-Livestreaming to Friendlife, a platform for meeting new friends. FriendLife.com

Tech: JavaScript, jQuery, Python, HTML, CSS, MySQL, Bootstrap, PHP, git

### Software Engineering Intern · Idibon, Inc., San Francisco CA

Jun - Aug 2015

Idibon's natural language processing services efficiently structure and organize language data, which can be used to answer critical business intelligence questions, automate processes, and obtain deeper insights.

- ▷ Idibon Public - Front End Development: Implemented a standalone Rails app to act as the download page for sentiment classifier Idibon Public. developers.idibon.com/downloads
- ▷ Idibon Studio - Front End Development: Worked on the Front End Engineering team in the ongoing process of designing and implementing Studio, the new version of Idiboard, which is used internally and externally to annotate documents and to access annotations and models. Implemented views and widgets on the Rails app.
- ▷ Learning Curve Visualization - Data Science: Visualized learning curves of Accuracy, Recall, Precision, and F-Score vs. number of annotations using D3 library. Ran cross-validation on the collections with increasing portions of the total annotations and parsed the results into a usable format. Graphs are displayed for each label in Idibon Studio.

Tech: Bootstrap, D3, Ruby on Rails, Ruby, HTML/HAML, JavaScript, Python, CSS, Github, JIRA

### Sales and Administrative Assistant · Swrve Cycling Apparel, Los Angeles CA

Summers 2011 - 2013

### Office and Accounting Assistant · Blackman Cruz Antiques and Furniture, Los Angeles CA

Summers 2009 - 2013

## Education

### Swarthmore College · Swarthmore PA

2011 - 2015

3.4 GPA: B.A. in Computer Science, Minor in German Studies

### Freie Universität Berlin · Berlin, Germany

Mar - Jul 2014

3.6 GPA: Computer Science, German Language and Culture

### Goethe Institut Munich · Munich, Germany

Feb 2014

German B1.2 1-month intensive course

### University of California, Los Angeles · Los Angeles, CA

Summer 2010, 2013

3.7 GPA: Chemistry, Discrete Structures

## Projects

### **YouTube Accessibility Awareness Project** · EvoHaX Hackathon, Philadelphia PA

Apr 2015

EvoHaX hackathon tackles the challenges people with disabilities face accessing information on the web.

▷ Collaborated with Executive Director of the DeafHearing Communication Centre, Neil McDevitt to create a web app to spread awareness about accessibility of YouTube videos. Data acquired in real time from the Youtube API is displayed using the Chart.js library, showing the percentage of videos uploaded in a given date range that are captioned. Charts are available for all videos or specific categories.

▷ We also provide a tutorial for how to easily caption YouTube videos, and information about why captioning is important beyond accessibility. [youtube-access.parseapp.com](http://youtube-access.parseapp.com)

Tech: D3, Chart.js, JavaScript, jQuery, HTML, CSS, SQL

### **Introduction to Dynamic Programming** · Swarthmore College, Swarthmore PA

May 2015

▷ This website seeks to make a deep understanding of dynamic programming accessible to learners at any level. To do this, my partner and I created neatly-designed visualizations (using D3 graphics library) of how dynamic programming algorithms traverse search spaces and save data, Javascript implementations of algorithms, and articles explaining the algorithms and their visualizations. <http://awjin.github.io/algos-js/>

Tech: D3, HTML, JavaScript, Python, CSS, Ruby

## Volunteer Experience

### **Co-Op Member** · Spokeland Bicycle Co-Op, Oakland CA

2016 - Present

▷ Working with the public weekly, one-on-one, to teach bicycle maintenance and repair at this co-op. Duties include opening and closing the shop, operating POS, and providing a safe, welcoming, and hands-on space for community members to learn mechanical and maintenance skills, fix their own bikes, and earn-a-bike through volunteering.

### **"Cook" (elected co-op member)** · The Bicycle Kitchen, Los Angeles CA

2007 - 2011

▷ Worked with the public weekly, one-on-one, to teach bicycle maintenance and repair at this nonprofit co-op

### **Assistant to Urban Strategy Director** · Los Angeles County Bicycle Coalition

Sep 2010 - Jul 2011

▷ Planned and staffed advocacy and educational events, designed and distributed social outreach materials.

## Extracurriculars

**Radio DJ:** Swarthmore WSRN Radio Station, 2011 - 2015 · **Co-Founder:** Swarthmore Graphic Novel Club, 2012 - 2014

**Co-President, Treasurer:** Swarthmore German Club, 2011 - 2015 · **Co-Founder:** Swarthmore Cycling Club, 2014 - 2015