

# SAM SHIH

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## EDUCATION

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**Swarthmore College**, Class of 2019 Swarthmore, PA

B.A. in Computer Science and Philosophy

**Technical Skills** (order of proficiency): Ruby on Rails, C++, Python, HTML5, CSS3, JavaScript/jQuery, Racket, Java

**Coursework:** Data Structures and Algorithms, Cognitive Science, Human Nature, Linear Algebra, Discrete Math

## EXPERIENCE

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**Square** San Francisco, CA  
*Engineering Intern* Aug 2014 – Aug 2015

- Built an internal marketing bot that helps General Managers in 16+ cities manage courier job listings, ensuring we always had couriers to decrease the time it takes to launch markets in new regions
- Created the backend for disabling merchants, standardizing the way Square communicates merchant data nationally. This allows relevant teams to always be notified whenever restaurants run out of ingredients, experience app issues, or reach their maximum order volume
- Analyzed the needs of our marketing and ops team, building most of their feature requests in the admin codebase

**Caviar** (*acquired by Square*) San Francisco, CA  
*Engineering Intern* Jun 2014 – Aug 2014

- Migrated the front/back end codebase from Rails 3 to Rails 4
- Built and styled the landing, cart checkout, landing, merchant, contact, help, and TOS pages
- Started the new internal CMS tool so other teams (marketing, dispatchers, ops) could access the database

## HONORS

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**Philip Evans Scholar** July 2015

- Selected as 1 of 8 students from Swarthmore's Class of 2019
- The Phillip Evans Scholarship grants 8 students \$17,500 to pursue worthy projects that provide opportunities for personal growth, creativity, and life-enhancing experiences

**AXA Achievement Scholarship** May 2015

- Selected as 1 of 300 finalists of 10,000 applicants across US
- The AXA Scholarship grants \$2500 to high school seniors who have excelled in creating educational opportunities in communities across the United States

**Jefferson Award** Nov 2013

- Selected as 1 of 1300 students in Burlingame High School for having outstanding volunteer service hours that show a strong passion and impact towards volunteering with the American Red Cross

## PROJECTS

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**Trump Bytes, PennApps Hackathon XII** Sept 2015

- A keyboard that allows users to send audio clips. Used caption and timestamp data from YouTube to pinpoint funny Donald Trump specific audio bytes
- Led the product design and worked with HTML, CSS, Node.js, and Microsoft Azure to deploy the app

**Grapevine** Feb 2015 – Jun 2015

- A social media platform built with Ruby on Rails. Allows users to follow each other and post text and photo content.

## LEADERSHIP

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**American Red Cross Youth Executive Board, Chair** Jun 2014 – May 2015

- Created the Bay Area's first Youth Board to direct all 20+ high school clubs in Northern CA
- Led the Bay Area's first youth CPR instructor program, switching the previous model away from paid staff to volunteer students. Since then, we have trained over 16,000 students

**Interests:** 8-year Vipassana meditation teacher, blogging (samshih.me), writing, music improvisation, massage