

# Yue Tian (Alex)

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## Skills

Languages Python > JAVA = Ruby > C > C++  
Technologies Rails, MySQL,  $\text{\LaTeX}$ , Git, Vim, Mac OSX, Ubuntu, Windows

## Education

2013-Present **BA, Computer Science**, *University of California, Berkeley*.  
GPA: 3.8/4.0  
2012-2013 **Harley School**, *Rochester, NY*.  
Courses: AP Computer Science  
2010-2011 **No.2 High School of East China Normal University**, *Shanghai, China*.  
Courses: Information Technology

## Experience

2014 **Software Development Engineer**, *Sobrr*, Emeryville, CA.  
◦ Full stack developer at Sobrr, a tech startup that has recently closed its \$1.1 million funding.  
◦ Built and optimized the backend for several major features including group chat, member taggings, unfriend, etc, using Ruby on Rails.  
◦ Wrote a python script to reverse geocode and aggregate member location data for analysis using Geonames API.  
◦ Implemented chat feature on Android platform.  
Summer 2013 **Research Intern**, *Visual Computing Group, Harvard University*, Cambridge, MA.  
◦ Built a graphical interface with C++ and OpenCV to feed data of hand-anatated cell membranes to gentle boosting algorithms that would allow automated annotation by machines.  
Summer 2012 **Web Developer Intern**, *Center for Brain Science at Harvard University*, Cambridge, MA.  
◦ Set up a media wiki website on the university's server for the lab to share their research techniques.

## Relevant Coursework

Computer Structure and Interpretation of Computer Programs (Python, Scheme), Data Structures  
Science (JAVA), Efficient Algorithms and Intractable Problems, Computer Architecture (C, MIPS)  
Math Linear Algebra and Differential Equations, Discrete Mathematics and Probability Theory

## Honors

2012 **New York State Math Competition High Scorer**.  
Top 200 scorers in the state math meet.  
2012 **American Invitational Mathematics Examination Qualifier**.  
Ranked top 5 percent on the AMC12 high school mathematical contest, qualified for AIME.  
2012 **AP Scholar with Distinction**.  
Scored higher than 3 on five AP exams.