

# EMILY YU

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Student  
developer  
experienced in  
mobile & web  
development

## PROGRAMMING LANGUAGES

Swift  
Bash  
Python  
Java  
SQL  
HTML/CSS  
Javascript

## TOOLS

Git  
Xcode  
Vim  
MySQL  
Firebase

## EDUCATION

Palo Alto High School (Expected graduation: 2018) 2014 - present  
Make School 2016

## AWARDS

National Center for Women & Information Technology Bay Area Award 2017  
USA Computing Olympiad Silver Qualifier 2017  
Science Olympiad Regional Awards: Helicopters (Gold) 2017  
Science Olympiad Regional Awards: Astronomy (4th) 2017  
Science Olympiad Regional Awards: Bungee Drop (Bronze) 2016  
Scholastic Arts & Writing - Honorable Mention (Photography) 2015

## WORK EXPERIENCE

Releaf, *iOS Intern* Feb – Aug 2017  
- create iOS app using Swift 3 and Firebase  
Flipword, *Web Development Intern* Jun – Aug 2017  
- implemented monetization, active learning, and feedback system  
- improved user interface and data representation  
Mathnasium of Palo Alto - Menlo Park, *Math Instructor* 2016 – present  
- teach middle school and elementary students math  
Make School, *Ambassador* 2016 – present  
- represent Make School at hackathons  
- lead iOS workshops at hackathons  
- recruit students to Product College and Summer Academy

## LEADERSHIP

PalyHacks, *Hackathon Founder & Lead Organizer* 2016 – present  
- started the first hackathon at my high school and led all efforts on the event  
- acquired sponsorships from 9 tech companies and hackathon organizations, as well as grants from the City of Palo Alto and our school  
- developed the PalyHacks website (<http://palyhacks.io/>)  
- led the promotion and outreach efforts to all Bay Area high schools  
- work with Tencent to organize and invite students from China to participate in final round  
Teens Exploring Code, *Organizing Team* 2017 – present  
- work with team to plan and host a hackathon for teens in the winter semester  
- developed the new Teens Exploring Code website (<http://teensexploringcode.org/>)  
2nd Note, *Co-founder and Webmaster* 2015 – present  
- developed website (<http://2ndnote.org/>) to connect teachers' needs to potential donors  
- co-founded the organization to promote the recycling of school supplies and volunteering  
- collected and cleaned over 400 recorder instruments for elementary schools in East Palo Alto

## PROJECTS

UVDetective 2017  
<https://devpost.com/software/uvdetective>  
An iOS application that tracks intake of vitamin D to prevent skin cancer and asymptomatic Vitamin D deficiency.  
Animelyrics 2017  
<https://github.com/emily-yu/animelyrics>  
A python module for retrieving lyrics for anime songs from animelyrics dot com  
League-Voice 2017  
<https://github.com/emily-yu/League-Voice>  
Google Home application that gives assistance in League of Legends to improve beginner gameplay.  
Selected as one of 50 out of over 2500 applicants for Riot Games' Hackathon, all expenses paid.  
Neko Island 2016  
<https://itunes.apple.com/ru/app/nekoisland/id1141641639?mt=8>  
An iOS game incorporating strategy and predictive skills to survive for the maximum time possible.