

# EMILY YU

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Student  
developer  
experienced in  
mobile & web  
development

## PROGRAMMING LANGUAGES

Swift  
Bash  
Python  
Java  
HTML/CSS  
Javascript

## TOOLS

Git  
Xcode  
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 (PAID)

Releaf, *iOS Intern* 2017 – present  
- create iOS app using Swift 3 and Firebase  
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  
Violin Coach, *Self-employed* 2015  
- taught beginning violin students

## 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  
- coordinate with Tencent to organize a second round this summer - joint effort with high school students from China  
Teens Exploring Code, *Organizing Team* 2017 – present  
- work with team to plan and host a hackathon for teens in the Fall 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.  
Babysitter 2017  
<https://devpost.com/software/babysitter>  
An iOS application that prevents child abduction by monitoring the location of a child.  
APIRemover 2017  
<https://github.com/emily-yu/APIRemoval>  
A terminal script that prevents the exposure of API keys while committing to GitHub.  
Neko Island 2016  
<https://itunes.apple.com/ru/app/nekoland/id1141641639?mt=8>  
An iOS game incorporating strategy and predictive skills to survive for the maximum time possible.