

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: Bungee Drop (Bronze) 2017
Science Olympiad Regional Awards: Astronomy (4th) 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/nekoisland/id1141641639?mt=8>
An iOS game incorporating strategy and predictive skills to survive for the maximum time possible.