EMILY YU

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Student developer experienced in mobile & web development

PROGRAMMING LANGUAGES
Swift (Experienced)
Bash (Novice)
Python (Intermediate)
Java (Intermediate)
HTML/CSS (Experienced)
Javascript (Intermediate)

TOOLS
Git
Xcode
Command Line

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* — 2017 – present
- teach middle school and elementary students math

Make School, *Ambassador* — 2017 – 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 PTSA
- developed the PalyHacks website
- led the promotion and outreach efforts to all Bay Area high schools
- coordinate with our top sponsor 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

2nd Note, *Co founder and Webmaster* — 2015 – present
- developed website to connect teachers' needs to potential donors and volunteers
- 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 asymptoms of Vitamin D deficiency.

Babysitter — 2017
https://devpost.com/software/babysitter
An iOS application that prevents child abduction by monitorimg 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.