EMILY YU

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EDUCATION

New York University, Tandon School of Engineering Aug '18 - Present 6 MetroTech Center, Brooklyn, NY - Expected Graduation Year, 2022 (B.S. Computer Science)

Palo Alto High School-Foothill College (Dual Enrollment)

- Used d3.js to visualize user progress for language learning

Aug '14 - May '18

SKILLS

Programming Languages: Swift, Bash, Python, Java, SQL, HTML/CSS, Javascript, Golang Tools: Git, Xcode, Vim, MySQL, MongoDB, Firebase, Heroku, Flask, Node, mLab, iQuery, Team Foundation Server (TFS), Handlebars, React Native, Redux, VSCode, Akumina Interchange Coursework: Introduction to Database Management Systems, Data Structures and Algorithms, Object-Oriented Programming

WORK EXPERIENCE

Major League Hacking, Coach Jan '19 - Present - Act as representative for the official student hackathon league at events held globally - Assist in solving technical or logistical problems for organizers or hackers MetLife, Software Development Intern Jun '19 - Present - Implemented room reservation system around React Native-Jest mobile application - Contributed in Agile cycles on Akumina web-based internal employee tools Tencent America (WeChat), Business Development and Marketing Intern Jun '18 - Aug '18 - Researched market competitors and American target audience to suggest app improvements - Managed team of two other interns to ensure timely project delivery Flipword, Web Development Intern Jun '17 - Aug '17 - Implemented UI features based on Zepplin prototype specifications for chrome extension

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LEADERSHIP	
PalyHacks, Founder & Lead Organizer, Operations Supervisor	Aug '16 - Present
- Acquired over \$6,000 in sponsorships from 9 companies and led all promotion efforts	
- Worked with Tencent to organize and invited students from China to participate in final round	
- Mentor new organizing team of 6 for future year events and develop website, palyhacks.io	
HackNYU, Logistics Chair	Nov '18 - Present
- Coordinated logistics and ensure hacker happiness for international hackathon of 500+ stude	nts

- Negotiated with sponsors to reduce price of shirts, saving organization over \$900

Teens Exploring Code, *Director*

Jan '17 - Feb '18

- Led team of 6 students to host a hackathon and develop website, teensexploringcode.org

PROJECTS	
Piccoku, Hacktech 2018	2018
- An iOS app that transforms images into haiku-style poetry with poems publicly hosted on Rails-backed	server
- Extracts keywords using Microsoft Azure, then combines words from DataMuse API to make a coherer	nt haiku
UVDetective, LAHacks 2017	2017
- iOS app to track intake of vitamin D using OpenWeatherMap API to determine raw UV index	
- Use ambient light sensors, accelerometer, and signal strength to determine whether indoor, outdoor, or	r in vehicle
- Determine average skin tone from picture with OpenCV, then approximate UV impact severity	
League Voice, Riot Games Hackathon 2017	2017

- League Voice, Riot Games Hackathon 2017
- DialogFlow-run Google Home application gives assistance in League of Legends to improve gameplay. - Node is server pulls information from Riot API and community monitored static data sources.
- Selected as one of 50 out of over 2500 applicants, all expenses paid.

AWARDS

Best Entertainment Hack, Hacktech	2018
Best Hack from Intuit Challenge, SLOHacks 2018	2018
Top 15% Hacks Overall and Best MongoDB Stitch Hack (2nd), PennApps XVIII	2018
Most Technical Hack, HackNY Fall	2018