Erik Yang

https://github.com/erikyangs

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🎓 Education

University of California, Berkeley | May 2019
B.A. Computer Science
GPA: 3.6

Awards
Taiwan Tech Trek Engineering Presentation 1st Place,
Intuit "Hack Into It" Hackathon 3rd Place

Relevant Coursework
Structure and Interpretation of Computer Programs (CS61A)
Data Structures (CS61B), Machine Structures (CS61C)
Discrete Math and Probability Theory (CS70)
Algorithms and Intractable Problems (CS170, In Progress)
Artificial Intelligence (CS188, In Progress)
iOS (CS198, In Progress)

💼 Experience

UC Berkeley, Educational Opportunity Program (http://eop.berkeley.edu)   Berkeley, CA | Feb. 2017 - Present
Web Designer | HTML, CSS, Bootstrap, AngularJS
- Used Google Scripts to build a web form connected to Google Drive with attachment functionality
- Built header and footer to match UC Berkeley brand standards and adapt to all screen sizes
- Revamped pages with AngularJS templating for streamlined editing

Academia Sinica, Institute of Information Science   Taipei, Taiwan | Jun. 2016 - Aug. 2016
Software Development Intern | Android, C++, Arduino
- Developed an indoor positioning system that notifies users of their location using a grid of location beacons
- Utilized Arduino and servo motors to build a smart setup device that points a laser to the setup location of beacons
- Designed an Android app that delivers setup information from a server to the smart setup device using Bluetooth
- Coded modified version of UDP communication used to transfer data and requests between beacons and server

LifeTrak   Fremont, CA | Jun. 2015 - Aug. 2015
Video Production Intern | Adobe After Effects, Adobe Premiere Pro
- Filmed and edited tutorial videos on how to use the LifeTrak Brite R450, one of LifeTrak's main health watches
- Created a thirty second video featured on LifeTrak's Kickstarter campaign, which raised over $40,000

🛠 Projects

Personal Website
https://erikyangs.github.io/ | HTML, CSS, Javascript, JQuery
- Website showcasing previous projects; features an interactive particle field in a cover photo using particles.js

BearMaps
Code available upon request | Java
- Web application that rasterizes map images and routes directions between points using A* path-finding

Emoji Translator
https://erikyangs.github.io/emojipastagenerator | HTML, CSS, Bootstrap, Javascript, JQuery, AngularJS, emojilib
- Website that intermingles relevant emojis with inputted text in real time using AngularJS binding

👥 Leadership and Activities

SEEDJAM – UC Berkeley's Annual Product Expo   Berkeley, CA | Oct. 2016
Lead Event Director
- Led the organization and execution of SEEDJAM, an annual startup product exposition held at UC Berkeley
- Planned and hosted a speaker panel featuring representatives from KPCB, Y Combinator, and TechCrunch
- Sourced 25+ startups to exhibit, secured sponsorships from Intel and Google, and attracted 600+ attendees

Innovative Design   Berkeley, CA | Aug. 2015 - May 2016
Video Tier
- Filmed and edited a two-minute recap video for CalHacks, UC Berkeley's largest yearly hackathon
- Produced motion graphics intro for TED Talks at Berkeley using Adobe After Effects and Adobe Premiere Pro

Silicon Valley Design It   Cupertino, CA | May 2014 - Aug. 2015
Founder and President
- Spearheaded 11-person officer team to teach high school students and the community graphic design fundamentals
- Reached over 100 students through free community workshops on color theory, Photoshop, and Illustrator
- Raised over $400 on Indiegogo and incorporated as a non-profit organization in California

🔧 Skills and Interests

Skills
Python, Java, C, Android, iOS, Bootstrap, AngularJS, Adobe Photoshop, Adobe After Effects, Adobe Lightroom

Interests
Hip Hop Dance, House of Cards, Hackathons, Graphic Design, Video Editing, Juggling, Chinese Yo-Yo