

# SAM YANG

SAMYANG.XYZ

## CONTACT

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## SUMMARY

I am a student-entrepreneur, full-stack developer, web designer, and student leader who is interested in deep learning, graphic design, and mobile development.

## EDUCATION

### UC BERKELEY (2019 - )

Computer Science & Cognitive Science  
AAA (Design Committee)

SAGE Mentorship Program (Mentor)

### COURSERA

Machine Learning

Neural Networks and Deep Learning

Improving Deep Neural Networks:

Hyperparameter tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

## SKILLS/TECH STACK

- React Native, ReactJS
- Javascript
- Python
- NoSQL (MongoDB, DynamoDB)
- HTML/CSS
- Git
- AWS
- Deep Learning
- Node/Express/Mongo
- Webflow
- Java
- Firebase
- Keras/Tensorflow
- Mandarin
- Illustrator/Photoshop

## PROFESSIONAL EXPERIENCE

### DOPPEL (DEC 2019 - )

FOUNDER, DEVELOPER

- Built full-stack iOS/Android app which allows users to find their look-alikes by submitting their selfies with React Native/Redux
- Wrote & deployed Flask/Python/DynamoDB/S3 backend that uses ML models (CNN, GMM) in face similarity algorithm
- Designed website, marketing materials, product improvement engine

### FYLAMYNT (OCT 2019 - )

WEB DEVELOPER (CONTRACTOR)

- Designed, built and maintaining marketing site w/ Webflow, Adobe Illustrator & Photoshop
- Contributing to React/Redux frontend code & product design

### STARTEACHERS (AUG 2018 - DEC 2019)

WEB DEVELOPER (REMOTE)

- Built web platform that allows online teachers to keep track of their classes/students, and students to find their teachers and unique "student #" with Firebase, HTML/CSS, Bootstrap 4/jQuery, Javascript

### INSTATUTORS (JUN 2018 - MAY 2019)

CO-FOUNDER, SOFTWARE TEAM LEAD, TUTOR

- Developed web application that allows students to search for online tutors & schedule free tutoring sessions with Firebase Realtime DB and API, HTML/CSS, Bootstrap 4/jQuery, Javascript
- Led & trained team of 25+ tutors, generated over 130 students

## VOLUNTEER EXPERIENCE

### SILICON VALLEY YOUTH (AUG 2016 - MAY 2019)

CO-PRESIDENT, TEACHER, WEBMASTER

- Raised & donated \$100,000+ to underprivileged school districts
- Led & trained team of 50+ teachers & 15 officers
- Built and deployed organization website, integrated Stripe

## PROJECTS/WORK

getdoppel.com (**Doppel Mobile App**)

fylamynt.com (**Fylamynt**)

student-count.com (**StarTeachers**)

instatutors.org (**InstaTutors**)

siliconvalleyyouth.com (**SVY**)

miescuelitacupertino.com (**local bilingual daycare**)

samyang.xyz/word-analogies (**React/Flask Word Analogy Solver**)

spectrumatcal.org (**Berkeley Autism Awareness**)

samyang.xyz/minesweeper (**ReactJS Minesweeper Game + Solver**)

samyang.xyz/simulations (**Javascript physics simulations**)

samyang.xyz/emojipaint (**React JS Emoji 'Painter'**)

omnihacks.tech (**Hackathon Website**)

matadorhacks.com (**Hackathon Website**)

svforensics.org (**Public Speaking Organization**)

mvhacks.org (**Hackathon Website**)