

# ERIC YANG

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## EDUCATION

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

*Bachelor of Science, Computer Science*

- Cumulative GPA: 4.00

Los Angeles, CA  
Expected: June 2023

### LYNBROOK HIGH SCHOOL

- Cumulative GPA: 4.00/4.00, Valedictorian

San Jose, CA  
Graduated 2020

## EXPERIENCE

### Knovigo

#### iOS Developer

- Creating front-end user interface based off low-fidelity wireframe
- Learning Swift and XCode development through Udemey course
- Launching app to help general population identify safe areas based on COVID-19 regulations

Los Angeles, CA  
January 2021 –

### HealthLevel Inc.

#### Software Engineering Intern

- Developed system usage warnings in C# that triggered based on CPU and memory usage
- Established CCDA JSON import and export feature for VA Northwest network
- Gained knowledge about sprint process within teams and basic Github functions

Mountain View, CA  
June 2019 – March 2020

### Boston University School of Medicine

#### Research Intern

- Employed Python libraries to create a patch generation framework for training machine learning models
- Worked and annotated on brain MRI scans in DICOM files
- Presented research and abstract at BU Rise poster symposium

Boston, MA  
June 2019 – December 2019

### ACM UCLA

#### Hack Intern

- Organizing Hack off the Hill (HOTH 8) for 50+ beginner programmers
- Developing HOTH website while learning Material UI and Gatsby
- Marketing to thousands of UCLA students through various social media communication channels

Los Angeles, CA  
November 2020 –

### LA Hacks

#### Finance Coordinator

- Organizing weeklong LA Hacks 2021 for 1000+ hackers
- Applying for \$5,000 of funding from various school organizations
- Budgeting \$20,000 total to cover all expenses of the event

Los Angeles, CA  
October 2020 –

## PROJECTS

### Patch-based training of MRI scans for Alzheimer's disease assessment

- Researched machine learning algorithms under guidance of Professor Kolachalama and Professor Chin
- Abstract and poster: [ericjyang.com/#mri](http://ericjyang.com/#mri)

### UDrama

- Website that recommends you a Korean drama to watch based off your ratings of previously watched dramas
- Built using React.js (hooks and linking), HTML, CSS, and Google Sheets API.

### Business Card Reader (MV Hacks Mentors' Best Choice Award)

- Android app that scans and saves information from business cards using OCR technology
- Won CMU Mentor's Best Choice Award

## SKILLS

- PROFICIENT:** Java, Python, C++, Microsoft Word, Excel, Powerpoint, G Suite
- FAMILIAR:** React.js, HTML, CSS, Javascript, C, Numpy, Firebase, C#