ERIC YANG

eric8yang@gmail.com | (650) 619-2968 | ericjyang.com

EDUCATION

University of California, Los Angeles — **Los Angeles, CA**
Intended B.E. Computer Science — Expected: June 2024

Lynbrook High School — **San Jose, CA**
- Unweighted GPA: 4.00/4.00 | Valedictorian — 2016 – 2020

EXPERIENCE

Software Engineering Intern — **Mountain View, CA**
HealthLevel Inc. — June 2019 – March 2020
- Developed system usage warnings in C# that triggered based on CPU and memory usage
- Worked on CCDA JSON import and export for hospital administrators
- Fixed minor bugs with Foundations program

Research Intern — **Boston, MA**
Boston University School of Medicine — June 2019 – December 2019
- Used 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

Director of Operations — **Palo Alto, CA**
HSHacks — August 2018 – March 2020
- Helped Run HSHacks IV for 250+ high school participants
- Worked on securing venue and workshops for HSHacks V
- Mentored team of 4 through hackathon organizing process

Sponsorships Assistant Regional Manager — **San Francisco, CA**
CodeDay Bay Area — December 2018 – March 2020
- Negotiated sponsorship agreements with tech companies in the area
- Secured $2,000 from Google, Box, and Ubisoft
- Oversaw team of 5 in charge of finance for the event

Vice President/Webmaster — **San Jose, CA**
Lynbrook DECA — May 2018 – June 2020
- Updated website and Firebase integration that stored membership details
- Created fully automated spreadsheet to calculate member points from attendance using student ID scanners
- Programmed method to automatically rename files to competition format

PROJECTS

Patch-based training of MRI scans for Alzheimer's disease assessment (BU RISE Program)
- Researched under guidance of Professor Kolachalama and Professor Chin
- Abstract and poster: ericjyang.com/#mri

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

Maze-solving Robot (COSMOS)
- Programmed a robotic "roach" to move using controls in C
- Used right wall method to efficiently navigate to darkness in the maze

Tic-Tac-Toe
- Game implemented in Java
- Added unbeatable computer opponent given that it goes first

SKILLS

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