

# Eric Yang

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## EDUCATION

### Lynbrook High School

2016-2020

- Relevant Courses: AP Calculus BC, AP Statistics, AP Physics 1, AP Physics C, AP Computer Science, AP Macroeconomics, AP Microeconomics, AP Language and Composition

### De Anza College

2018-2019

- CIS 44A: Python Programming
- CIS 22B: Intermediate Programming Methods in C++

### West Valley College

2019-

- MATH 4A: Intermediate Calculus

## ACTIVITIES

### Software Engineering Intern at HealthLevel

2019-

- Working on CCDA JSON import and export
- Fixing minor bugs with Foundations program

### Boston University Research in Science and Engineering (RISE)

2019-

- Researched in both BU's Computer Science department and Computational Biomedicine lab under Professor Peter Chin and Professor Vijaya Kolachalama
- Developed framework for patch-based training of machine learning models to improve Alzheimer's diagnoses

### California State School of Math and Science

2018

- Explored state machines through the use of C.
- Studied history and logistics of computer networking

### USA Computing Olympiads

2016-

- Gold level competitor for 2+ years
- Learning concepts such as BFS/DFS, Dynamic Programming, and Dijkstra's algorithm

### Distributive Education Clubs of America (DECA)

2016-

- **Positions: Vice President (2019-2020), Webmaster (2018-2019)**
- Implemented DECA apprentices program for non-CTE course members
- Manage [www.lynbrookdeca.org](http://www.lynbrookdeca.org)
- Educate members on various business concepts

### Boy Scouts

2012-

- **Position: Assistant Senior Patrol Leader**
- Eagle Scout
- Order of the Arrow (National Honor Society for Boy Scouts)

### Hackathons

2018-

- **Positions: Co-Lead Director (GenHacks), Operations Director (HSHacks), Sponsorship ARM (CodeDay BA)**
- Finding venues in the Bay Area for hackathons
- Partnering with various companies for sponsorships
- Working with Hack+ and SRND
- Managed operations for the oldest and largest high school hackathon

## **Dance**

**2016-**

- **Position: Vice President of JUMP**
- Choreographer for Jalwa (Bollywood dance team) and Sophomore/Senior year Boy's Dance
- Active member in class dances

## **VOLUNTEER ACTIVITIES**

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### **Silicon Valley Youth**

**2017-**

- **Position: Co-President (2019-2020), Vice President of Public Relations (2018-2019)**
- Teach Java to middle school students
- Funds raised donated towards underprivileged communities
- Raised over \$70,000 so far

### **National Honor Society**

**2018-**

- Tutor for Lynbrook's STTAR program
- Taught concepts in computer science, physics, and math
- Grandfathered into the club for a consecutive year

## **HONORS AND AWARDS**

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**Presidential Volunteer Service Award Gold**

**2017/2018/2019**

**2<sup>nd</sup> Place DECA International Career Development Conference**

**2018**

**AP Scholar with Distinction**

**2018**

**5<sup>th</sup> Place DECA International Career Development Conference**

**2019**

**1<sup>st</sup> Place FBLA National Leadership Conference**

**2019**

**MVHacks CMU Mentor's Best Choice Award**

**2018**

## **PROJECTS**

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**Patch-based training of MRI Scans for Alzheimer's Disease Assessment**

**Business Card Reader (MVHacks)**

**Hexadecimal-to-text and Text-to-hexadecimal converters**