

# Henry Jia

(949) 436-7999 – [hjia3@berkeley.edu](mailto:hjia3@berkeley.edu) – 2401 Durant Ave, Berkeley, CA 94704

---

## Education and Coursework

### UC Berkeley

Standing: Sophomore

Dual Degree: B.A. Data Science/B.A. Economics

Relevant Coursework: *The Structure and Interpretation of Computer Programs, Linear Algebra & Differential Equations*

### Northwood High School

2017-2021

Academics: 35 ACT, 800 SAT Math

GPA: 4.21

Accolades: *Graduated Magna Cum Laude, AP Scholar with Distinction, National Merit Commended Scholar*

Extracurriculars: *Sports Analytics Club Founder and President, Varsity Baseball Player and Captain, Model UN, Marching Band*

---

## Professional Experience

### UCI Beckman Laser Institute

Irvine, CA

Assistant Researcher

2020-2021

- Created a graphical user interface using the programming language MATLAB that calculates the thickness of thousands of nasal bone CT scan images in less than 5 seconds which is 20x more efficient than any previous method
- Worked with a professor and two medical students on a research paper related to nasal bone osteotomy lines in rhinoplasty surgery

### Mayor of Irvine's Office

Irvine, CA

Intern

2019-2021

- Performed SWOT analysis on 2 financial reports regarding city-wide budgeting and spending to reallocate finances properly
- Analyzed 3 public opinion datasets regarding California Proposition 16 to advise the Mayor on which side to support
- Coordinated 2 re-election events, managed multiple social media accounts, and collected and analyzed voter data through surveying

---

## Leadership and Activities

### Next Gen Sports Analytics

Irvine, CA

Founder/Head Baseball Analyst/Web Master

2020-2021

- Headed 20+ staff members to publish 100+ sports analytics articles and 5 sports analytics research papers in less than one year
- Utilized user insight data from the website to maximize viewership resulting in over 8000 viewers in less than six months
- Oversaw 25 projects related to baseball and mentored 10 analysts by holding weekly meetings to assess project ideas

### Northwood High School Sports Analytics Club

Irvine, CA

Founder/President

2018-2021

- Designed a curriculum that taught fundamental statistics and programming concepts used in sports analytics and led weekly seminars for 20+ members to teach the curriculum and apply it to professional sports data through research papers and projects
- Organized 3 baseball clinics for 30+ local youth baseball players and 2 local youth baseball leagues to develop basic offensive skills

### Global Philanthropy Leadership Internship Program in China

Ningxia, China

Team Leader

June 2019

- Led 15 student volunteers to implement the first physical education program for a rural village school of 100+ students
- Initiated the village school's first baseball team and connected the team with the Beijing Orphan Youth Baseball Program
- Educated hundreds of villagers on the cause and consequences of high blood pressure and the importance of personal hygiene

---

## Skills and Awards

Languages: *English (Native), Mandarin Chinese (Fluent), and Spanish (Intermediate)*

Computer/Software/Programming: *R, Python, MATLAB*

Basic Video Production: *Adobe Premiere*

Awards: *California Boys State Delegate (2020), Presidential Volunteer Service Award (Gold 2019, Silver 2020), Northwood High School Charter Oak Academic Excellence Award (Calculus 2020, Statistics 2021), Pacific Coast League Scholar Athlete (2021), Pacific Coast League Second Team All-League (2021)*

---

## Interests

Professional: *Data Analytics, Business Analytics, Sports Analytics, Sports Business, Consulting*

Personal: *Baseball, Football, Basketball, Fantasy Sports, Photography, Community Service*