

## EDUCATION

### **Purdue University, West Lafayette, Indiana** | AUGUST 2019 - PRESENT

- Freshman majoring in computer science at Purdue University. I am taking Problem Solving and Object-Oriented Programming, Tools (an introduction to various programming tools), and Analytic Geometry and Calculus I.

### **Archbishop Riordan High School, San Francisco, California** | AUGUST 2015 - MAY 2019

- Graduate of Archbishop Riordan High School, May 2019. I was in the top 8% of my class of 150 and graduated with a 4.0 weighted GPA.

### **City College of San Francisco, San Francisco** | APRIL 2017 - MAY 2017 | JUNE 2018 - JULY 2018

- Completed course Briefings in Biotechnology, received an A grade. (April 2017 - May 2017)
- Completed course Programming Fundamentals: C++, received an A grade. (June 2018 - July 2018)

## SKILLS

### **Computer Programming**

- **C++** - Completed Programming Fundamentals: C++ at the City College of San Francisco.
- **Swift** - learned in my Computer Programming class at Archbishop Riordan High School.
- **HTML and CSS** - learned online to create a website from scratch.
- **Python** - learned online in anticipation of my internship at Hanson Robotics

### **Graphic Design**

- Won school-wide T-Shirt design contest in freshman and junior years, and designed the R-Cade club's first logo.

### **Digital Design**

- Designed and 3-D printed chess pieces, figurines, and a stand for my wireless earbuds case; laser cut a lamp, chessboard, and arcade cabinet in Fabrication Lab. In Robotics, created a working robot that could drive around.

### **Computer Hardware**

- Built my own computer and aided some of my peers in building their own personal computers.

## WORK EXPERIENCE

### **Berkeley Engineering and Research Inc., Berkeley**

*Intern* | MAY 2017 - JULY 2017

- BEAR inc. is a forensic engineering company specializing in reverse engineering products to enhance them or to resolve product liability lawsuits using a variety of skills and sciences such as engineering, physics, and chemistry, and tools such as 3-D printers, CNC machines, and a variety of measuring devices.
- First hand experience of the integration of multiple subjects, sciences, and disciplines to achieve a singular goal.
- Responsible for a multitude of jobs: measured gas levels in gas canisters, created 3-D models with precision tolerance moving pieces for a court case, tested stress tolerances of blenders to the point of explosive failure.

### **Hanson Robotics, Hong Kong**

*Intern* | JUNE 2015

- Hanson Robotics is a company that specializes in creating life-like robots.
- Helped build their prototype robot that was designed to deal cards at a casino. Fitted pieces into hard to reach places on the robot, attached motors into the head for its facial expressions, and assisted in the development of integrated suction motors that allowed the robot to shuffle and spin cards.

### **Camptoons, San Francisco**

*Camp Counselor* | JUNE 2015 - JULY 2015 | *June 2016 - JULY 2016* | *After-Care Staff* | JUNE 2018 - JULY 2018

- Taught rising fifth graders (2015) and rising second graders (2016) at a six-week summer day camp held at Sunset Church. In the summer of 2018 I was not a full-time counselor due to my city college class but I was part of after-care staff.
- Responsible for the children, planned daily field trips for the kids, and taught them about the Bible.

## SCHOOL EXPERIENCE

### **Student Parliament, Archbishop Riordan High School**

*Divisional Captain* | AUGUST 2017 - APRIL 2018 | *House Captain* | APRIL 2018 - MAY 2019

- Student Parliament is the center of activity on campus, coordinating school-wide events such as rallies and dances.
- As Divisional Captain, I promoted the brand new Riordan House Program and was a role model to not just my House but to the entire school.
- As House Captain, I helped implement changes for the House program, allowing it to grow and evolve into a better system for the student body.

## **National Honor Society (NHS), Archbishop Riordan High School**

*Member* | NOVEMBER 2016 - MAY 2018 | *Secretary* | MAY 2018 - MAY 2019

- NHS is an invitation-only club that serves to recognize those students who have demonstrated excellence in the areas of scholarship, service, leadership, and character.
- Tutored students who needed help in various subjects, especially math, and attended field trips.
- As the elected Secretary, I coordinated field trips to various colleges and companies, promoted tutoring opportunities, and took minutes during meetings.

## **Core Team, Archbishop Riordan High School**

*Member* | APRIL 2018 - MAY 2019

- Core Team is an organization at school that organizes donation drives such as blood, food, and coin drives.
- Helped plan drives, made posters, and went from classroom to classroom encouraging people to donate.
- Served as Head Coordinator of the Fall Blood Drive. Scheduled students to donate blood, managed my fellow CORE Team members, and made sure the blood drive ran smoothly. It was a great success, surpassing the previous year's donation count by twenty-five percent.

## **Knights of Riordan, Archbishop Riordan High School**

*Member* | OCTOBER 2016 - MAY 2019

- Knights of Riordan is a service club that is the face of the school, always present during school events.
- As student ambassador, I showed prospective students around the school by allowing them to shadow my classes. I also led parent tours, answered questions during parent Q&A sessions, and greeted and guided guests during events such as the Open House.

## **R-Cade Club, Archbishop Riordan High School**

*Member* | SEPTEMBER 2015 - SEPTEMBER 2016 | *Speaker of the Club* | SEPTEMBER 2016 - MAY 2017

- R-Cade club is a club where students can play video games and relax with friends after school.
- As the Speaker of the Club, I took attendance, made announcements, and fulfilled any duties when the President or Vice President were not able to perform their role.

## **St Anne's College, University of Oxford Hong Kong Summer School, Hong Kong**

*Student* | JULY 2016

- This was a program organized in conjunction with Diocesan Boys' School in Hong Kong, held at Chinese University.
- I took Biochemistry, Music, Materials Science, and Physics.

## **iPad Repair Club, Archbishop Riordan High School**

*Member* | SEPTEMBER 2015 - MAY 2016

- I learned how to disassemble and reassemble an iPad Air 2 and an iPhone 5S.

## **AWARDS & HONORS**

### **St. Francis Scholars Program**

- The St. Francis Scholars is an invitation-only scholarship with a focus on leadership, development, and college and career prep. One of four St. Francis Scholars in my class of 150 students, scholars received priority in selecting AP and Honors courses, and attended industry field trips and leadership seminars.
- As a St Francis Scholar, we are the role models of the school and receive priority in picking out classes. There were only three other St. Francis Scholars in my grade of 150.

### **Life Member Highest Honor of the California Scholarship Federation**

- This distinction is given to students who meet high academic standards, and are eligible for scholarships. I was a member for six semesters, which granted me Life Membership Highest Honor status.

### **The President's Award for Educational Excellence**

- This award was given to me in my Freshman, Sophomore, and Junior years of high school. It is awarded by the President of the United States to those who earn a grade point average of over 90 on a 100 point scale and either a teacher recommendation or a high achievement in reading or math on state tests or nationally-normed tests.

### **The Archbishop Riordan Freshman Marianist Award**

- I received this award for completing the most service hours (over 230 hours) in my Freshman high school class. I was the only one to receive this award in my class.

### **Certificates of Academic Excellence**

- I received numerous Certificates of Academic Excellence over the course of my high school career in Digital Video Art, Fabrication Lab, and Art II. Teachers nominate those who have excelled in their respective courses.