

ILWON (ALBERT) SEO

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EDUCATION

University of California, Berkeley

Berkeley, CA

B.A. in Computer Science, Applied Mathematics

Expected 05/2020

- *Academics:* Department GPA: 4.00/4.00 Cumulative GPA: 3.70/4.00
- *Relevant Coursework:* CS 61A (Python) Math 53 (Multivariable Calculus), Math 54 (Linear Algebra & Differential Equations)

Henry M. Gunn High School

Palo Alto, CA

Class of 2016 Graduate

06/2016

- *Academics:* GPA: 3.94/4.00, ACT: 35/36

WORK EXPERIENCE

Internal Drive Technology

Palo Alto, CA

Game Design Instructor

05/2017-08/2017

- Created lesson plans, handouts and instructed classes of 8 students in game development and tech software.
- Planned with team to provide fun activities and theme days, as well as provide excellent customer service to families
- Consistently guided students through and past required curriculum and created additional projects for each student.

Sequoia Academy

Mountain View, CA

Math and Computer Science Teacher

06/2015 – 08/2015

- Taught middle school students math and introduced them to computer science based on a curriculum.
- Developed personalized curriculum to monitor progress and strengthen specific math skills to meet academic goals.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Biofuels Technology Club

Berkeley, CA

Filtrations Team

08/2016 – Present

- Designed and analyzed procedures to filter waste cooking oil to provide a cleaner oil to react with.
- Researched techniques and parts to build a smaller scale prototype and conduct preliminary test runs.
- Collaborated with other teams and prepared to develop full scale process at USDA facility in Albany.
- Created a MATLAB program to model the temperature of a reactor between heating and cooling cycles.

California Association of Student Councils (CASC)

Moraga, CA

Region Secretary/Treasurer, Counselor

08/2013 – 06/2016

- Lead and taught a group of students CASC material and structured activities during a three-day summer camp.
- Lead group closures to help students articulate what they learned from activities and how to apply it to their lives.
- Ensured accuracy in financials and keep accurate minutes of all meetings to keep all cabinet members up to date.

Academy of Music and Arts for Special Education (AMASE)

Cupertino, CA

Violin Instructor

06/2012 – 06/2016

- Taught and helped students with special needs perform music to express themselves.
- Performed together with students in orchestra concerts to build a supportive community.
- Organized volunteer events and activities outside of regular rehearsal meetings.

AWARDS & HONORS

- American Invitational Mathematics Exam Qualifier *02/2015*
- Science Department Award, Math Department Award *05/2016, 05/2015*
- 3rd Place, Korean-American Scientists and Engineers Association Silicon Valley Physics Competition *05/2014*
- Presidential Service Award AMASE, OSF *05/2016, 12/2013*

SKILLS & INTERESTS

- **Music:** Played violin in chamber, orchestra and symphonic setting, and at an international clinic with Gunn HS.
- **Languages:** Fluent in speaking Korean, basic Japanese.
- **Technical:** Experience in Python, Java, MATLAB, LaTeX
- **Other:** Peanut Butter, Hamilton, and Photography.