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 procedures to filter waste cooking oil used in biofuel production for buses around Berkeley campus.
- Researched techniques and parts to build a small-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.