Jeremy **Tsang**

El Cerrito, CA

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Education

Oregon State University   *Corvallis, OR*
B.S. in Computer Science   *Sep. 2019 - Aug. 2021*
- GPA: 4.0

University of California, Santa Cruz   *Santa Cruz, CA*
B.A. in Mathematics and B.S. in Chemistry   *Sep. 2007 - Jun. 2011*
- GPA: 3.84

Experience

Berkeley City College   *Berkeley, CA*
Teaching Assistant   *Sep. 2018 - Dec. 2018*
- Provided group Java tutoring to students.
- Graded Student coding assignments.
- Worked with professor to hold in class lab coding sessions.

EAG Laboratories   *Hercules, CA*
Assistant Research Chemist   *Jun. 2015 - Oct. 2016*
- Performed 14C labeled pesticide metabolism analysis in plant/animal systems to meet regulatory requirements.
- Research methods included sample processing, extractions, and analysis by chromatographic methods (HPLC and TLC)
- Analyses done in GLP environment in accordance to US EPA and OECD/OCDE guidelines.

University of California, San Francisco   *San Francisco, CA*
Research Assistant, Volunteer   *Sep. 2014 - May 2015*
- Purified new synthetic molecules for cancer research using chromatographic methods (Flash and TLC).
- Built an electronic library to organize the LC-MS structural data. and search-able database of screening compounds using Excel

Dublin High School   *Dublin, CA*
Teacher   *Jun. 2014 - Jul. 2015*
- Taught a high school freshman chemistry class with a full year's worth of material in a condensed six week summer session.
- Coordinated lesson plans with another chemistry teacher who was teaching the same material to another class.
- Classes consisted of a mix lecture time followed by group activities, labs, and occasional quizzes.

Holy Names University   *Oakland, CA*
Tutor   *Sep. 2013 - May 2015*
- Provided one one one tutoring for general and nursing chemistry students.

University of California, Santa Cruz   *Santa Cruz, CA*
Undergraduate Researcher   *Jun. 2010 - Jun. 2011*
- Researched denaturation behavior of tuna cytochrome c using bench-top MCD spectrophotometry for possible use of certain residues as probes for time-resolved kinetic experiments.
- Used singular decomposition to determine major contributing species in the spectral data.

Projects

2018   **Robot**, Car-like robot controlled from command line app with servo mounted camera for viewing.   *GitHub*

Honors & Awards

2007-2011 **Regents Scholarship**, University of California, Santa Cruz   *Santa Cruz, CA*
2008-2011 **Ellen Renard Chemistry Department Scholarship**, University of California, Santa Cruz   *Santa Cruz, CA*
2009-2011 **Dean's Honors**, University of California, Santa Cruz   *Santa Cruz, CA*
2010   **Tony Fink Undergraduate Student Award**, University of California, Santa Cruz   *Santa Cruz, CA*