DIANA E. LIN

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EDUCATION

California State Polytechnic University, Pomona
- M.S. Computer Science   Sept. 2015 – March 2018
- GPA: 4.00; Honors: Golden Key International Honor Society Nominee

University of California, Los Angeles
- B.S. Applied Mathematics with Specialization in Computing   Sept. 2011 – June 2015
- Minor in Bioinformatics
- Honors: Dean's Honors List, Phi Eta Sigma National Honor Society

SKILLS

- **Languages**: Java, C++ (Proficient); HTML, JavaScript, AngluarJS (Familiar); Python, MatLab (Prior Experience)
- **Development/Testing Tools**: GitHub, Eclipse, JUnit, Maven (Proficient); BitBucket (Prior Experience)
- **Operating System**: Windows, Linux (Ubuntu)

EXPERIENCE

Incoming Software Products Intern   June 2017 – Sept. 2017
Esri – Redlands, CA

Graduate Research Assistant   Jan. 2016 – May 2016
California State Polytechnic University, Pomona
- Created service using Java and the Twitter API to extract Tweets related to public transportation.
- Extracted relevant user information and location through Twitter API to trace influence of Twitter users.
- Collaborated and tracked program development on GitHub with fellow graduate researchers.

Undergraduate Research Assistant   Sept. 2014 – June 2015
University of California, Los Angeles
- Tested and implemented Python programs to prepare MRIs for image processing and statistical analysis.
- Collaborated with Principle Investigator using GitHub and BitBucket to provide computational support.

Undergraduate Research Assistant   July 2013 – June 2014
University of California, Los Angeles
- Used MatLab to extract and analyze data gathered from live recordings of various specimen.
- Collaborated with Principle Investigator to test and derive mathematical model for experimental data.

CO-CURRICULAR EXPERIENCE

Graduate Student Assistant   Jan. 2017 – Present
California State Polytechnic University, Pomona
- Assist department faculty in grading and returning student assignments and exams in a timely manner.
- Achieved exceptional understanding of course fundamentals to permit grading of course material.

Private Tutor (AP Calculus, Trigonometry)   Jan. 2017 – Present
YCT Tutoring – Chino Hills, CA
- Demonstrate clear communication skills by guiding high school students in learning mathematics.
- Demonstrate organizational skills by preparing supplementary learning material for AP students.

Treasurer and Secretary   Aug. 2015 – Present
East Valley Children's Choir (Non-Profit Organization) – Walnut, CA
- Prepare monthly financial reports and maintain student records for choral group of over 90 students.
- Assist administrative staff in event-coordinating and weekly responsibilities.