

# DIANA E. LIN

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## EDUCATION

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### 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

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- **Languages:** Java, Python, C++ (Proficient); HTML, JavaScript, MatLab (Familiar)
- **Development/Testing Tools:** [GitHub](https://github.com), SourceTree, BitBucket, QtCreator, Jenkins, JUnit, Maven
- **Operating System:** Windows, Linux (Ubuntu), MacOS

## EXPERIENCE

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### Software Products Intern

June 2017 – Sept. 2017

*Esri – Redlands, CA*

- Wrote a Python script to automate unit and functional tests within Jenkins for the SDK framework.
- Helped maintain software tests by monitoring Jenkins and reporting or applying bug fixes as needed.
- Collaborated with team members to achieve assigned tasks within each development sprint.

### 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 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

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### Mathematics Tutor (AP Calculus AB/BC, Trigonometry)

Feb. 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.