

# Kristy Lin

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## EDUCATION

### University of California, Irvine

B.S. Computer Science, Specialization: Information  
B.S. Biological Sciences

GPA (Fall 2014 - Winter 2019): 3.93

Expected Graduation: June 2019

### International Summer School, Yonsei University

Study Abroad

June 2017-August 2017

Seoul, South Korea

## SKILLS

Technical: Python, Java, HTML/CSS, Javascript/jQuery, XML, Bootstrap, Flask, C/C++, SQL, MATLAB

Software: Eclipse, Git, Linux, Vim, Perforce, Visual Studio, Sublime, Tomcat, MS Office, Arivis 4D

Languages: English and Mandarin

## HONORS/AWARDS

### Dean's Honors List (14 quarters)

September 2014-March 2019

Awarded when GPA of a given quarter is 3.5 or higher.

### 2019 Chancellor's Award of Distinction

May 2019

Awarded to 52 students in the graduating UC Irvine senior class for outstanding research, leadership, or service.

## WORK EXPERIENCE

### Reader/Grader

September 2017-December 2017

UCI Donald Bren School of Information and Computer Sciences

Irvine, CA

- Selected as an undergraduate grader for the ICS 6N Computational Linear Algebra course under Professor Gopi Meenakshisundaram.
- Created homework solutions and graded homework, labs (written in MATLAB), and exams.
- Established strong communication between fellow readers, teacher assistants, professor, and students.

### Panzura

June 2016 - August 2016

Software Intern

Campbell, CA

Panzura is a software company developing a cloud based global file system.

- Designed and implemented an event/email manager for CloudController product in C. Event/email manager is a user space daemon in Linux. Functions include:
  - Inter-process communication between daemons and auto-launching and monitoring these daemons.
  - Event collection and consolidation through two different methods: linked lists and a database.
  - Stateful event monitoring and timer based email sending through SMTP.

### Panzura

June 2015 - August 2015

Software Intern

Campbell, CA

- Developed a data model prototype for large data analysis on Panzura's product.
- Took data from a Python script that populated a database (MongoDB) and converted it to a per-user data model.
- Used HTML, Javascript, CSS, c3.js, and selectize.js to allow user inputs and display designated data.
- Utilized Flask for AJAX calls between UI and Python script and Git for source code control.

### Panzura

June 2014-September 2014

Software Intern

Campbell, CA

- Helped develop white-box test automation system for Web UI of Panzura's product.
- Integrated Phantom.js for Web browser simulation. Wrote test cases with Jasmine.js and defined them in XML. Used a prewritten Python script for test control and result reporting.
- Built understanding on client/server relationship and the importance/implementation of quality assurance.

## PROJECTS

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**Personal Website:** <https://kkyl.github.io/>

October 2017 – December 2017

- Created a personal website to provide a more interactive way of listing education, skills, work, projects, and extracurricular activities for future job applications. Utilized HTML/CSS/Javascript to build the website.

**Fabflix**

March 2017 – June 2017

- Created a website that allows a user to search for movies (with autocomplete), add to cart, and purchase items.
- Used Tomcat and SQL to connect database to web.

**Othello (game)**

February 2015 – March 2015

- Created the game Othello through Python IDE and its graphic library, Tkinter.

## EXTRACURRICULARS/LEADERSHIP

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**Member**

October 2018 - present

*Common Ground (Competitive Dance Team)*

Irvine, CA

- Competed in hip-hop dance competitions. Learned to grow as an individual and team member through dance.

**Alumni Council Member/Mentor**

September 2018 - present

**Coordinator**

June 2017 - June 2018

**Captain**

June 2015 - June 2017

**Member**

November 2014 - September 2018

*Urban Môtus (Exhibition Dance Team)*

Irvine, CA

- As a council member, assisted leadership of the current team artistically and administratively.
- As coordinator, had artistic control for the vision of a set. Helped contribute to organization and delegation of tasks within leadership and among team members.
- As captain, helped build a bridge between leadership and fellow teammates. Created a positive team dynamic.

**Mentor**

September 2016 - June 2018

*MAISS (Management and Information Student Society) at UCI*

Irvine, CA

- Provided help in school courses and advice for achieving success in future endeavors towards software.

**Webmaster**

May 2015 - May 2016

*TAO (Taiwanese-American Organization) at UCI*

Irvine, CA

- Reformatted website with HTML/Javascript/CSS/Bootstrap for cleaner layout and display of more text/images.
- Updated website weekly using SourceTree to update Git page and cPanel for final updates to the actual website.

## VOLUNTEERING/RESEARCH

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**Undergraduate Researcher**

April 2018 - present

*University of California, Irvine - School of Medicine*

Irvine, CA

- Studied CLARITY optimization and immunofluorescence staining to clear spinal cord tissue carrying endogenous fluorescence under guidance of Dr. David Luo.
- Learned to use ZEISS Z.1 Lightsheet Microscope and Arivis 4D software to image and analyze tissue samples.

**COPE Health Scholars Volunteer**

April 2018 - present

*Hoag Hospital*

Newport Beach, CA

- Gained experience interacting with patients, nurses, doctors, and other volunteers.

**Peer Tutor**

September 2018 - December 2018

*UCI Bio Sci Peer Tutoring*

Irvine, CA

- Prepared weekly worksheets, presented weekly discussion sections, and hosted review sessions before exams for Genetics course (Bio Sci 97), which was taught by Dr. Cinquin and Dr. Wunderlich.

**Volunteer**

January 2018 - January 2019

*Karate for All, an Occupational Therapy based Martial Arts Program*

Irvine, CA