

# RICKY TAN

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## EDUCATION

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**California State University Long Beach**  
BS Computer Science *GPA: 3.14*

Long Beach, CA  
Jan 2019 - Jun 2021

**Long Beach City College**  
Computer Science *GPA: 3.19 , Deans List with Distinction (Spring 2019)*

Long Beach, CA  
Jan 2017 - Jan 2019

## WORK EXPERIENCE

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**Peer Mentor**  
*Cal State University Long Beach*

Long Beach, CA  
Jun 2020 - Present

- Guiding a group of 6 mentees by discussing Computer Science career planning, course selection, and networking opportunities
- Ensuring that freshman were provided with student organization connections, homework assistance, and personal guidance to successfully transition into the University
- Tutoring Discrete Mathematics, Software Application Development, and Development Tools

**Computer Science Embedded Tutor**  
*Long Beach City College*

Long Beach, CA  
Jan 2018 - Jun 2020

- Utilized campus resources to help 10 classes up to 35 students improve and maintain their performance in Java classes over the course of 3 academic years
- Served as a student assistant in classes including Introduction to Java, Object Oriented Application Development, and Data Structures and Algorithms

## SKILLS

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- Programming Languages: Java, Python, HTML, CSS, PHP, SQL
- Software Skills : RESTful API's, Android Studio, Microsoft Windows OS, Heroku Web Services

## PROJECTS

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**Tic Tac Toe Bot Python**  
*Artificial Intelligence*

Aug 2020

- Implemented the Minimax Algorithm on the decision tree of Tic Tac Toe
- Algorithm ensures that the user cannot win, but may achieve a draw or loss state on the board

**Slideshow App Java, Android Studio**  
*Mobile Application Development*

Jun 2020

- Created an Android Application that uses the RESTful Architecture that can run on mobile devices
- Designed XML files for Android Studio to be filled with data from returned JSON objects

**Coffee Shop App Java, JavaFX**  
*Object Oriented Application Development*

September 2019

- Planned and programmed 20 classes using the Factory and Decorator design patterns
- Produced a User Interface through Java FX to optimize User Experience and accessibility

## LEADERSHIP AND ACCOMPLISHMENTS

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**Treasurer Association for Computing Machinery**

May 2020 - Present

- Collaborating with officers to plan, host, and promote technical work shops and social events for the Long Beach chapter of ACM with over 850 members

**Workforce Ready Certificate of Completion Bixel Exchange**

September 2019

- Completion of soft skills training in the Tech Industry