

# Jonathan Chianglin

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## Education

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- **California Polytechnic State University** San Luis Obispo, CA *expected graduation date June 2018*
  - Bachelor of Science in **Computer Science** Cross Disciplinary Minor in **Data Science**
  - Relevant coursework:
    - Fundamentals of Computer Science II and III
    - Design & Analysis of Algorithm
    - Mobile Application Development (Android)
    - Introduction to Data Science
    - Software Engineering I & II
    - Computer Architecture
    - Systems Programming

## Programming Experience

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- **Gogo** *January 2017*  
*Android App – 3<sup>rd</sup> Place at Camp Poly Hacks*
  - Utilized GoogleMaps API to locate the user's location and user's destination.
  - Employed Card.io API to scan credit card number safely and have verification with PayPal.
- **Podcrust** *November 2016 – December 2016*  
*Android Podcast app*
  - Gathered podcasts using the Retrofit2 library to communicate with the Audiiosear.ch API.
  - Used Anvil and Redux libraries to display podcast search results.
- **Influential Women Index** *August 2016*  
*Chrome Extension - ChimeHacks 3*
  - Informed users with important women relating to the website the users were on.
  - Built frequency dictionary with NLTK package using the tf-idf weighted system.
- **Which Shot Did Kobe Sink?** *May 2016 – June 2016*  
*Prediction Model – Kaggle Competition*
  - Predicted whether Kobe made a shot using k-Nearest Neighbors classifiers from the scikit-learn package.

## Work Experience

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- **Technical Clerk,** Pasadena, CA *May 2012 – August 2012*  
*Law Office of David S. Lin*
  - Developed valuable organizational skills updating and maintaining case files and databases.
- **Junior Volunteer** Arcadia, CA *January 2011 – June 2014*  
*Southern California Methodist Hospital*
  - Gained valuable customer service experience while serving as informational point of contact for visitors.

## Programming Languages

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- Java (Proficient)
- Python (Proficient)
- C (Beginning)
- Git (Beginning)
- SVN (Beginning)

## Additional Information

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- **Languages:** Mandarin (Elementary)
- **Extracurricular Activities:** SLOCORE (Club Ultimate Frisbee), Alpha Phi Omega (co-ed community service Fraternity, 100+ service hours), jig-saw puzzles, basketball (recreationally)