

DERRICK LIU

CONTACT

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EDUCATION

- University of California, San Diego, CA Sep 2016 - Present
 - B.S. Data Science

PROJECTS

- Palace Online Dec 2018 - Present
 - Link : <https://palaceonline.herokuapp.com>
 - Description
 - An online strategy card game where up to 4 players compete to lose all the cards they are dealt
 - Playable with online bots
 - Development Stack
 - Client-side: HTML, CSS, Javascript, Dart
 - Server-side: Heroku, WebSockets, and Dart, SQL
- Negative Sentiment Analysis April 2019
 - Link : <https://devpost.com/software/negative-sentiment-analysis>
 - Description
 - Reveals problems that businesses should strive to solve through textual summaries of negative reviews
 - Finalist submission in 2019 Datathon
 - Development Tools
 - python, sklearn, Google Local Reviews
- Draw Game Feb 2017 - 2018
 - Link : <https://drawp.herokuapp.com>
 - Description
 - An online game where teammates try to guess the word the user is drawing in real-time
 - Development Stack
 - Client-side: HTML, CSS, Javascript, Dart
 - Server-side: Heroku, WebSockets, and Dart
- Cloud 9 Teahouse Website Aug 2013 - Aug 2016
 - Description: A website designed for a cafe
 - Development Stack – HTML, CSS, and Dart

PROGRAMMING SKILLS

Python	●●●●●
SQL	●●●●●
Dart	●●●●●
C	●●●●●
C++	●●●●●
HTML	●●●●●
CSS	●●●●●
Javascript	●●●●●
Matlab	●●●●●
Java	●●●●●
Flutter	●●●●●
Objective-C	●●●●●

WORK EXPERIENCE

POS Programmer & Assistant Manager	Aug 2013 - 2016
Cloud 9 Teahouse, Castro Valley, CA	
Programmed/maintained Point of Sale system, averaged ~300 transactions per day	
Designed/maintained online website	
Worked as part of a high-energy, team in a fast-paced environment	
Learned about brewing methods, beverage blends, food preparation, and presentation techniques to improve food quality	

LEADERSHIP EXPERIENCE

Vice President Brotherhood Chair	2017 - 2018
Lambda Phi Epsilon, Iota Chapter UCSD	
Organized brotherhood events (philanthropy events, community service events, and recruitment events)	
Organized the Big Brother Little Brother Program	
Link Crew	2014 - 2016
Castro Valley High School, Castro Valley, CA	
Helped incoming freshmen adapt to high school	
Oversaw multiple groups as a student leader	
Avid Tutor	2015 - 2016
Prepared students for college by teaching them study skills and helping them in their more	

SOFTWARE EXPERIENCE

Operating Systems
Windows 7, 8, & 10
Mac OS X and MacOS
Linux
Ubuntu
Mint
Source Control
Git
Github
SourceTree
IDEs
Visual Studio
Eclipse
IntelliJ
Webstorm
Pycharm
Atom
Sublime
Miscellaneous
Photoshop