

# Vincent Liaw

UC San Diego '18

B.S. Computer Science  
Minor: Cognitive Science

Fremont, CA

## CONTACT

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## SKILLS

LANGUAGES - Experienced  
Python, Javascript, C++,  
HTML, CSS

LANGUAGES - Familiar  
Java, C, SPARC, PHP,  
Bash

TECHNOLOGIES UNIX, Vim, Git,  
PostgreSQL, AWS,  
Heroku, Sketch, NodeJS

FRAMEWORKS Flask, Tornado, NodeJS,  
ReactJS, JQuery,  
Foundation, Scikit-  
learn, OpenCV,  
Tensorflow

## ORGANIZATIONS

DESIGN.UCSD Board member -  
March 2015 organizes meetings,  
- Present holds workshops and  
building upcoming site  
at designucsd.org

DS3@UCSD Attended workshops  
December 2015 and a Kaggle team  
- March 2016 member - compared  
deep learning  
classifiers including  
ConvNets and M3N on  
the MNIST and YaleB  
Face datasets.

UCSD Upcoming Instructional  
Starting Assistant (IA) for  
September 2016 COGS187A - Usability  
and Information  
Architecture

## EXPERIENCE

### Web Development Intern @ Solomid Corporation

January 2016 - Present

- Rebuilt frontend guide creation functionality in React/Redux and launched usability and interface fixes for the revamped solomid.net, re-launched in February 2016
- Built an async, self-caching League of Legends data tooltip API used on probuilds.net
- Used ES7+ Javascript, React, JQuery, Foundation, and Phalcon

### Tech Team Lead - SD Hacks

March 2016 - Present

- Organized team and participated in design and development of SD Hacks site (sdhacks.io) built in MEAN stack.
- Crafted flyers for SD Hacks and prototypes of site.

### Volunteer @ GENI

November 2014 - March 2015

- Design and development of GENI (Global Energy Network Institute) Drupal-based website.
- Used HTML/CSS/JS, built pages on Subject Matter Experts

## EDUCATION

### University of California, San Diego

October 2014 - Expected June 2018 Major GPA - 3.64 - Senior Standing

B.S. Computer Science, Minor in Cognitive Science

Topics learned: computer organization, systems programming, web design and software development, data structures, algorithms, and machine learning

COGS187B - Practicum in Professional Web Design

CSE100 - Advanced Data Structures

COGS185 - Advanced Machine Learning Methods

CSE101 - Design and Analysis of Algorithms

CSE110 - Software Development

## PROJECTS & HACKATHONS

### BitMonster - 1st Place Blockchain API @ CalHacks

October 2015 - [bitmonster.herokuapp.com](http://bitmonster.herokuapp.com)

- Multiple-alias and anon Bitcoin payment web application
- Built with Blockchain API, Python-Flask, HTML/CSS/JS, ReactJS, JQuery, Heroku, SQLite. Won \$1250 in Bitcoin

### Kingmaker @ Money2020 Hackathon, Las Vegas

November 2015 - [kingmaker.meteor.com](http://kingmaker.meteor.com)

- Zero stop shopping - uses facial recognition to authenticate and commit seamless checkouts.
- Used OpenCV, NumPy, SciPy, MeteorJS, ReactJS, JQuery

### The Art of Espresso - COGS187B Final Project

January - March 2016 - [barreraelmer.github.io/aoewebsite](http://barreraelmer.github.io/aoewebsite)

- Website for The Art of Espresso, a coffee cart on the UCSD campus
- Did user research, interviews, sketching, wireframing, and prototyping in mobile-first design pattern