

# Vincent Liaw

UC San Diego '18

B.S. Computer Science  
Minor: Cognitive Science

Fremont, CA

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## SKILLS

LANGUAGES Python, Javascript, C++,  
HTML, CSS, MATLAB, C,  
SPARC Assembly

TECHNOLOGIES UNIX, Git, Eclipse,  
SQLite, MySQL,  
PostgreSQL, AWS,  
Heroku, Sketch

FRAMEWORKS Flask, Tornado, JQuery,  
NodeJS, Meteor, ReactJS

LIBRARIES NumPy, SciPy, OpenCV,  
Pandas

## ORGANIZATIONS

**SDHACKS ORGANIZER**  
January 2016  
- Present  
Built flyers for Hack Day, part of tech team in group organizing UCSD Hack Days and upcoming SDHacks 2016

**DESIGN.UCSD**  
March 2015  
- Present  
Board member - plans meetings and designing and implementing site at <http://designucsd.org>

**DS3@UCSD**  
December 2015  
- Present  
Kaggle team member - tackling modern problems in Data Science. Used random forest classifiers, LinReg, etc. with Scikit-learn

## EXPERIENCE

### Web Development Intern @ Solomid Corporation

January 2016 - Present

- Worked on frontend guide creation functionality with two other interns and launched usability and interface fixes for the revamped solomid.net, re-launched in February 2016
- Using HTML/CSS/Javascript/JQuery, Zurb-Foundation, PHP-Phalcon and the Riot API

### 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

### SDHacks 2015 Design PM @ Design.UCSD

March 2015 - June 2015

- Led Design.UCSD team in assisting with the design of SDHacks (sdhacks.io) website, shirts, and infographics.
- Created sketches, templates, wireframes, and prototypes with Photoshop and HTML/CSS/Bootstrap

## EDUCATION

### University of California, San Diego

October 2014 - Expected June 2018 Major GPA - 3.7

B.S. Computer Science, Minor in Cognitive Science

CSE21 - Discrete Mathematics for Computer Science

MATH20F - Linear Algebra

CSE30 - Computer Organization and Systems Programming

COGS187A - Usability and Information Architecture

COGS187B (current) - Practicum in Professional Web Design

MATH183 (current) - Statistics for Computer Science

CSE100 (current) - Advanced Data Structures

COGS118A (current) - Intro to Machine Learning

## 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 commit seamless checkouts.
- Used OpenCV, NumPy, SciPy, MeteorJS, ReactJS, JQuery

### Exposr - COGS187A Final Project

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

- Location-based photography sharing application.
- Built with Flask, HTML/CSS/JS, JQuery, Heroku, PostgreSQL, AWS