

# Vincent Liaw

## UC San Diego '18

B.S. Computer Science      GPA: 3.680  
Minor: Cognitive Science      GPA: 3.925

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GITHUB      liawesomesaucer

## EXPERIENCE

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### UI Engineering Intern @ LinkedIn at Work June 2017 - Present

- Building and multivariate testing new ad campaign insight features to improve ad usage and reduce churn
- Using Scala (Java Play) and Backbone

### Undergraduate Research Assistant @ UC San Diego January 2017 - June 2017

- Supervisor: **Nadir Weibel**. Built data visualization dashboard for HIV/AIDS researchers to visualize clinical patient information using linked maps, barcharts and line graphs
- Used ES6 React/Redux, D3JS, and LeafletJS

### Web Developer @ Solomid Corporation January 2016 - January 2017

- Built frontend of <http://tsm.gg> using React/Redux and updated [solomid.net](http://solomid.net) and [overwatchelite.net](http://overwatchelite.net)
- Built an async League of Legends data tooltip API used on [probuilds.net](http://probuilds.net) and [champion.gg](http://champion.gg)
- Used ES6+ Javascript, React, JQuery, Foundation, and Phalcon

### Tutor & Instructional Apprentice @ UC San Diego September 2016 - March 2017

- **WI17: CSE170/COGS120: Interaction Design - Scott Klemmer**
- Taught full-stack web development and design principles to a class of 200+ students.
- Led studio section for students building applications on Learning and Education
- **FA16: COGS187A: Cognitive Aspects of Digital Design - David Kirsch**
- Taught web development and design principles to a class of 100. Held workshops and office hours.
- Wrote script to automate grading of HTML/CSS coding project

## SKILLS

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### Languages and Tools

- Javascript, ES6
- React + Redux, Express
- HTML/CSS
- Python (Flask, Tornado, sklearn/numpy)
- Prototyping (Sketch + Invision)
- Deployment (Git, Heroku)
- Databases (Mongoose, SQLAlchemy)

### General

- Design process (user research, wireframes, prototyping, multivariate/A/B testing)
- Mobile-friendly UI/UX design and development
- Teaching (led design + development classes and workshops)
- Machine Learning & Computer Vision (Sklearn, NumPy, OpenCV)

## CAMPUS INVOLVEMENT

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### Tech Lead - SD Hacks March 2016 - Present

- Coordinated design and development of SD Hacks site <http://sdhacks.io> and sponsor resume filtering tool
- Designed flyers and [sdhacks.io](http://sdhacks.io), built Hack Day site [hackday.sdhacks.io](http://hackday.sdhacks.io) and HackXX site [hackxx.sdhacks.io](http://hackxx.sdhacks.io)

### Tech Chair & Incoming VP External - Design at UCSD March 2016 - Present

- Also Tech Chair from 2016-17 and general board member since March 2015
- Built sites and tech tools for workshops and conferences. See [designatucsd.org](http://designatucsd.org) and [ucsddesignconf.com](http://ucsddesignconf.com)

## PROJECTS & HACKATHONS

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### Design at UCSD Website designatucsd.org - March 2017

- Built mobile-friendly site in hosted with Jekyll. Exercise on creating a site pixel-perfect from mockups quickly

### BitMonster - 1st Place Blockchain API @ CalHacks bitmonster.herokuapp.com - October 2015

- Multiple-alias and anon Bitcoin payment web application
- Worked on Bitcoin wallet authentication, transactions and frontend. Won 5 BTC = 10k USD