Vincent Liaw

UC San Diego '18

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

EMAIL   vcliaw@ucsd.edu
PORTFOLIO   http://vincentliaw.me
LINKEDIN   vincentliaw
GITHUB   liawesomesaucer

EXPERIENCE

UI Engineering Intern @ LinkedIn at Work
June 2017 - Present

- Using EmberJS

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** and **overwatchelite.net**
- Built an async **League of Legends data tooltip API** used on **probuilds.net** and **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

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

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**, built Hack Day site **hackday.sdhacks.io** and HackXX site **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** and **ucsddesignconf.com**

PROJECTS & HACKATHONS

Design at UCSD Website
March 2017 - designatucsd.org

- Built mobile-friendly site in 25-30 hours, hosted with Jekyll

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

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