

# Andy Chen

I built software with open-source ready mindset, launched product with production-ready codes and helping many others. I believe the philosophy of "learning by doing" and "the best way to learn is to teach".

2909 Adeline Street,  
Berkeley, CA 94703  
(408) 431-3552

[amazingandyyy@gmail.com](mailto:amazingandyyy@gmail.com)  
[website](#) | [github](#) | [linkedin](#)

## EXPERIENCE

**[Senior Class Council](#)**, UC Berkeley — Tech Chair Aug. 2017 - PRESENT

- Developed a DApp for UC Berkeley students sign their name on a graduation smart contract.
- In charge of everything about technology in the council, website, digital medias.

**[Ventured International Inc](#)**, San Francisco — *Chief Product Officer* July 2017 - PRESENT

- Implemented TDD with Jest to engineer production-ready smart contracts in Solidity and deployed to Ethereum Live Network with Truffle framework.
- Launched VentureCoin([VCN](#)), implement ERC20 token and a 3 month [crowdsale](#) on Nov.
- Launched company website, whitepaper and branding designs. A reference to my article on how we build our product ([here](#)).

**[Yeah Education Group](#)**, Berkeley — *Chief Technical Officer*

Dec. 2015 - April 2017

- Led a software development team of 4 developers and data analysts to iterate four versions of the full software architect and application in MERN stack, and built over 50 internal/external endpoints.
- Deployed the application to various PaaS platforms to serve users across US and Mainland China.
- This software solution successfully scaled the business 20 times to a 1M annual revenue (2016) business leading to company entry into Berkeley Skydeck incubator cohort in April, 2017.

**[Andysign Studio](#)**, Mountain View — *Software Developer*

Oct 2014 - Sept. 2016

- Constructed freelancing website and branding design service. Launched 8 websites including Groove Trend and Swallet visited by 10K visitors daily.
- Implemented A/B testing for UI elements, heatmap analysis on user behaviors and website SEO leading to a 100% increase of traffic in the initial month.

## TEACHING/MENTORSHIP

**[NodeSchool Oakland](#)** and **[San Francisco Chapter](#)** Served as regular monthly mentor in Nodesthool Oakland

**[Reactathon](#)**, 2017 Served as mentor at the hackathon held by the Real World React organization

Active [Medium](#) Contributor  
Developed and share a series of tutorials on web development, blockchain-related smart contract, devOps and software design topics

## OPEN SOURCE CONTRIBUTION

**nodejs/node**, submitted PR#10092[[merged](#)] and #10093[[merged](#)] to update and improve testing environment

**AnimaApp/sketch-web-viewer**, submitted PR#3[[merged](#)] to greatly perfect the front-end UX scrolling feature

**dawsbot/mailto**, submitted PR#3[[Closed](#)], PR#4[[merged](#)] to resolve multiple issues and optimize key features

**Consensys/Token-Factory**, submitted PR#54[[Open](#)] to update error handling

## EDUCATION

### University of California, Berkeley, Berkeley — Bachelor's of Science, Cognitive Science

June 2016 - July 2018

Courses: Data Visualization, Blockchain for Developers, Computer Human Interface, Cognitive Science, Linguistics, Data Structure, Discrete Math.

### Coding House, Fremont — Computer Programming

April 2016 - July 2016

Completed an intensive, immersive Javascript Coding Bootcamp to master in jQuery, MEAN, MERN stack in 100 days.

### Foothill College, Los Altos Hill — Associate's Degree, Anthropology

Aug 2014 - June 2016

Earned *Excellent Anthropology Student* recognition by Foothill College and served as Research Assistant of Applied Anthropology Department and participated in the Ireland Archaeology Program (2015 summer).

## PROJECTS

### [Crypto-in-node](#) — A cryptocurrency implement in node

Designed and Built a whole cryptocurrency in nodejs with leveraging power of WebRTC, LevelDB, hyperlogs to build a peer-to-peer blockchain which even implement Proof-of-work, secp256k1 and dynamical difficulty.

### [Etherbrite](#) — An eventbrite-like DApp.

Built a DApp in Solidity, TruffleJS, Web3js and React/Redux. From deploying events on smart contract to register user and check user in.

### [VRPlayer](#) — A video player built with ReactVR and OpenGL

Built this video player on the fist of ReactVR's launch, with a focus on the interaction details of user experience in virtual reality.

### [Serperpay](#) — A fintech app to streamline the multiple-installments payment process.

A consumer and business-facing web app that integrated with Stripe payment API and CronJob to make monthly payment easy and flexible. Deployed to EC2 and pitched at the 2016 Plug&Play Fintech Demo Day.

## TECHNICAL SKILLS

Front-End: HTML/SCSS/JS, React, Angular, Webpack, proficient in RWD

Fullstack: MEAN, MEAN 2.0, MERN, RoR

Backend: Golang, python

DevOps: Docker, TravisCI, AWS, GCP, IBM Bluemix

## HACKATHONS/AWARDS

H4YT Hackathon 2018 - **Top 3 nomination by Cosmos** for building [Celadon](#), a lotionjs middleware donating money to help our environment.

LAUNCH Hackathon 2016 - **1st place of Uber Challenge** [2016] for building [Teleport](#), an advertisement site that magically deliver customers to your door.

AT&T Mobile App Hackathon - **1st Coding House Challenge** [2016] for building Masty, a livestream app as simultaneously a trading marketplace for streamers.

AT&T IoT Hackathon - **Best Mobile App and IoT Solution Overall**[2015] for building Connect, an radio player controlled by a gesture controller, Myo.