

# 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".

## EXPERIENCE

### **Hello DEX(launch in May), San Francisco — Founder & CTO**

Feb 2018 - PRESENT

- Led a team with 6 devs to build Hello Decentralized Exchange.
- Designed a maintainable, scalable infrastructure with automatic CI and took the advantage of MongoDB, Redis, docker containers, AWS to stabilize our server
- Used multiple analysis/monitoring tool such as Google Analysis, Sentry, New Relic, and Cloudflare

### **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.

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[website](#) | [github](#) | [linkedin](#)

## 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[[Opend](#)] 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

### QuickSignup — A SMS/fb messenger bot that simplifies the sign-up process.

Built a bot with AWS Alex framework and integrated with Twilio SMS programmable API, and deploy to AWS Lambda Function to pursuing serverless architect.

### 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.

### VoiceAlbum — The first digital album designed for blind users. [\[repo\]](#)

Built in MongoDB, Express web framework, Angular 1.5 and Node. Integrated with Microsoft Computer vision API, Responsive Voice API and AWS s3.

## 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

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 Masti, 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.

The 9th International Geography Olympia [2012], **National Golden Medal**