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".

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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.

TEACHING/MENTORSHIP

NodeSchool Oakland and **San Francisco Chapter** Served as regular monthly mentor in Nodeschool 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

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.

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.

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 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.

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