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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

[Vechain Community](#), Open Source — Founder ad Project lead

- Contributed to vechain/thor, vechain/thorify, and other Vechain open source projects on github.
- Initiated a etherscan-like Vechain blockchain explorer.
- Plan to initiate a Vechain Node Observation app and a Vechain use cases listing app. Provided more DApp, Vechain-tech-related examples for the open source community.

[Ventured International Inc](#), San Francisco — Chief Product Officer

- 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 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.
- The software solution successfully scaled the business 20 times to a 1M annual revenue (2016) and led 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 Nodschool 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

[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

[Vechain/thorify](#), update documentation and propose new thorify features

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.

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.