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Andy Chen

Rich full product life-cycle engineer/design experience.
Initial 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 and Project lead* May 2018 - PRESENT

- Contributed to vechain/thor, vechain/thorify, and other Vechain open source projects on GitHub.
- Initiative multiples demos about DApp, integrated with hyperledger, dockernized-DevOps for the dev. community, for the open source community
- Plan to initiate a Vechain Node Observation app and Vechain Full Node hosting service to the community.

Ventured International Inc, San Francisco — *Chief Product Officer* July 2017 - April 2018 (Failed)

- 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 the 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 (currently 3M A.R.)

- 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.
- 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 in 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 a 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

Draper University, San Mateo — Hero Training Program, top 3rd

Sept 2018 - Oct 2018

Completed Hero Training Program for 5 weeks, graduated at top 3 in the class, nominated as "the most positive student" by Tim Draper

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.

Shanghai Jiao Tong University, Shanghai, China — *Dropped out, Economics and Finance*

Aug 2012 - June 2014

Dropped out from SJTU Antai College of Economics & Management in 2014 then decided to go to California to pursue the American Dream.

PROJECTS

Leptin — *A PoW cryptocurrency implement in Nodejs*

Designed and Built a whole cryptocurrency in nodejs with leveraging the power of WebRTC, LevelDB, hyperlogs to build a peer-to-peer blockchain implementing 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(VPC, EC2, S3)**, GCP, IBM Bluemix(hyperledger)

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 delivers 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, a radio player controlled by a gesture controller, Myo.