

Chenyun Yang

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WORK EXPERIENCE

Staff Software Engineer / Tech Lead

San Jose, CA

Fetch Robotics

Feb 2018 - Present

- Tech Lead for core backend team, responsible for critical business data flows, API endpoints and storage. Projects include large fleet management, robot coordination, IoT platform and data infrastructure.
- Define and improve engineering procedures including recruitment, design review, CI/CD and release to scale out the human factors in engineering team's productivity.
- Recruit, build and develop a team of senior engineers.

Senior Software Engineer

San Francisco, CA

Google / YouTube

Oct 2014 - Feb 2018

- Designed, prototyped and launched an internal product to search and browse UI components with its documentation and auto-generated API doc **at every version within Google's 2B LOC CVCS**. The work includes the creation of a distributed & concurrent pipeline which parses, builds and tests UI components for new commits **in real time**.
- Created the infrastructure and SDK to develop, debug, test, build and compile web projects at YouTube. The work **provided a unified infrastructure across ~20 teams and ~100 engineers**, including YouTube Main Site, YouTube Gaming, YouTube Unplugged etc.
- Authored and launched HTML linter service, which enforces code styles and good practices at company and project level, **sanitizes ~7000 commits/month, captures >1,000 errors/day**.
- Designed and implemented Python backend for Closure Template Compiler.

Co-founder & CTO

Shanghai, China

Huali, Ltd.

Aug 2012 - Mar 2014

- **Cofounded Huali**, one of China's biggest online flower shops. Achieved **more than \$500,000 sales in the first year** and an average **seasonal growth of 317%**.
- Designed and built message queue based in-house ERP to support various operation tasks.
- Led UI/UX team to implement the customer facing store frontend with Ruby/Rails.

Early Employee & Frontend Lead

Shanghai, China

Ele.me

Jun 2011 - Jan 2012

- Rebuilt the UI/UX flow and increased conversion rate by 13% and cut bouncing rate by 12%.
- Optimized the assets serving and cut bandwidth by 27% and reduced page load time by 31%.

EDUCATION

Zhejiang University

Hangzhou, China

B.A. in Economics - GPA: 3.69/4.0

Sep 2006 - Jun 2011

SKILLS

- Lang : Go/C, ES5/ES6/TypeScript, Python/Ruby/PHP/Perl, Scheme/Erlang
- Database : OLTP: PostgreSQL, MySQL, BigTable; OLAP: Cassandra, Elastic Search