

PoYu [Gary] Chen



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Master, Computer Science, [National Taiwan Ocean University](#) 2006 - 2008

Bachelor, Library & Science, [Fu Jen Catholic University](#), 2002 - 2006

Primary skill: Javascript, CSS, HTML, ReactJS, MYSQL, NodeJS

Secondary skills: Python, Golang, Cuda, C++, C#, PHP, NoSQL

Summary

Engineering manager/Tech lead with 14 years of industry experience in front end and software development. Expert in mobile device industry, browser architecture, web standard APIs and web applications using modern HTML, CSS, and JavaScript.

[KaiOS Technologies](#)

Monetization R&D Manager

Jan 2019 ~ Present

JS, CSS, HTML, ReactJS, NodeJS, CI/CD, Jest, Docker, Golang, AWS services(S3, API Gateway), Terraform, Next.js, LainChain, LLM

- Lead a team of 13 engineers including 9 front end and 4 backend engineers for monetization related products in KaiOS including APP store ecosystem, advertisement projects, Fintech and AI topics.
- Re-design architecture of the APP Store, which made it flexible to update the UI for A/B testing and adding localized content. Daily usage increased to 300K, update rate increased to 95% and revenue increased by 20%.
- Build an engineering team from 3 to 13 engineers across three different cities (Taiwan, Xian and Shanghai).
- Work with leaderships to define company strategies and team roadmaps.
- Work closely with key partners including Jio, HMD, Mastercard, Google and Carriers (AT&T, Verizon, Orange)... etc.
- Coordinate with cross-functional teams (UX, big data, product/business development and dev ops teams) to launch successful monetization products.
- Play a key role in establishing a robust CI/CD process, testing and monitoring tool for stability.
- Projects:
 - KaiOS APP Store ecosystem, Todo, weather, New, QR code reader
 - Voice assistant
 - Ads platform
 - Fintech
 - Websites related to App development for 3rd party Developers

Senior Software Engineer

June 2016 ~ Dec 2018

JS, CSS, HTML, ReactJS, NodeJS, CI/CD, Jest, Docker,

- KaiOS APP Store, allows users to install 3rd party APPs in their device. Built this APP from 0 to 1.
- Developer evangelism / App ecosystem, helping key partner onboarding KaiOS ecosystem, such as Uber, Whatsapp, Verizon, AT&T ... etc.
- Enable semantic and accessibility into projects, helping KaiOS to get certification and launch into North American.

[Acadine Technologies](#)

Senior Software Engineer

July 2015 ~ May 2016

JS, CSS, HTML, NodeJS

- Built core application for smart feature phone: Camera App, Launcher App, Web UI Components
- Initiative smart watch project: Watch face management, Status bar management

[Mozilla Taiwan](#)

Software Engineering

Jan 2012 ~ July 2015

JS, CSS, HTML, MYSQL, PHP, codeigniter, Wordpress, NodeJS

- Mozilla Taiwan official website, blog and NEWs portal
- Firefox OS :
 - Foxconn Tablet project. [[Press link](#)]
 - Input Method management function, enabling install 3rd party input methods from the marketplace.
 - Camera app, core features, eg: QRCode reader, Burst mode, Hardware filter, Video shot.
 - Memory profiling tool.
 - Front End tech lead of Orange Klif project, [[Press link](#)]
 - Partner training program:, Foxconn, T2M, Panasonic.

Acer

Principal Engineer

Sep 2011 ~ Jan 2012

C#, MFC, C++

- Hardware driver update wizard, helps users update hardware drivers automatically.

NTU Research Center for Digital Humanities

Software Engineering

Oct 2008 ~ Sep 2011

JS, CSS, HTML, PHP, MYSQL, Linux

- Website and Database development.
- Remote backup plan.
Built up 100TB backup storage for digital objects and cooperated with the Sinica remote backup team for remote backup.

Side projects and Talks

- Unlock Pixnet, Enable right click on Pixnet. [[Chrome Store](#)] [[Firefox AddOns](#)]
- Yuman, Collects high-resolution photos from [unsplash.com](#) and makes your new tabs more beautiful. [[Firefox AddOns](#)].
- Mobile Out, helps you to redirect mobile version of Facebook page to desktop version in just ONE CLICK. [[Chrome Store](#)] [[Firefox AddOns](#)].
- OP Downloader, Let you preview/download files from GitLab in the FASTEST way. [[Chrome Store](#)] [[Firefox AddOns](#)]
- MAE 2013 - Introducing Firefox OS.
- Yahoo Hackday 2013 - Mozilla Web platform.
- [COSCU](#)P workshop 2013 - How to develop Web APPs.