

Toby Lam

Backend/API Developer

6yr+ backend experience

<https://letme.rocks>

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<https://linkedin.com/in/toby-lam/>

Language skills:

- PHP
- Python
- C
- HTML
- Shell Script

Database skills:

- MySQL
- MongoDB

Tools:

- Git
- Elasticsearch
- Redis

Operating systems:

- Linux (LPI certification)
- Windows Server
- macOS
- Cisco IOS (CCNA certification)

Frameworks:

- Laravel
- Flask
- CodeIgniter

Cloud:

- AWS Certified Developer – Associate
- Microsoft Certified: Azure Administrator Associate

Curriculum Vitae

Work Experience

Dec 2017 ~
Present

Backend Engineer at KKBOX + KKStream.

- Develop the Japan music service UtaPass (うたパス) and HMVmusic.
- Rebuilt the UtaPass search system, optimized for Japanese, added features of album and artist search to let on-demand music mode became possible
- Adopted to Azure AD login, to prepare for migrating our internal CMS from the on-premises environment to Azure
- Redesigned the login process so that multiple devices logged in but only one device can play music at the same time became possible
- Automatically created DRM version of the songs by using AWS Lambda, SQS and S3
- Implemented the playlist search system in HMVmusic

Mar 2014 ~
Nov 2017

Programmer at HillEver Technology Corp.

- Created the price comparison website Priceholic.
- Speeded up the search function for at least 2 times.
- The only full time backend developer.

Education and Qualifications

Apr 2020

Microsoft Certified: Azure Administrator Associate

Apr 2019

AWS Certified Developer – Associate

Dec 2016

Cisco Certified Network Associate (CCNA)

Apr 2016

LINUX Professional Institute Certification – Level 1 (LPIC-1) + SUSE Certified Linux Administrator

2010 ~ 2014

Double majors in National Taiwan University of Science and Technology (NTUST)

- Bachelor of Computer Science and Information Engineering
- Bachelor of Information Management

Ranked No. 1 in class in the final semester, and got Top 10% Department Award 2 times.