

MIN-ZHONG JOHN LU

Full-Stack Web Engineer & Creative Technologist with 5+ years of industry experience in full-stack web development, system architecting, and UX design process; and a proven track record of delivery, ownership, and adaptability

EXPERIENCES

- present
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2017
- **Software Development Engineer, DPReview** 📍 Seattle, WA
Amazon (as IMDb.com)
 - Full-stack web development, collaborating with DPReview's editors & other Amazon teams
 - Owned visual/UI/UX design and implementation for buying guide portal & new mobile site features, e.g. homepage feature blocks and forums; increased engagement metrics by double-digit percentage
 - Designed & implemented tools for content performance analysis with strong focus on usability
 - Owned cross-team project to bring DPReview content onto Amazon marketplace; assumed project & product management roles as well as engineering tasks
- 2017
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2015
- **Software Developer – Full-Stack** 📍 (remote)
Plurk
 - Supported cloudifying to Amazon Web Services; designed system architectures
 - Designed & implemented new features across back-end, web front-end and mobile app API, including system structures and user interfaces
 - Improved performance and reduced operational cost by engineering & architecting code, RDS, Redis, Memcached, and DynamoDB usage
 - Cleaned up technical debt: refactored modules, abstracted database queries, to ease developer's work
- 2015
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2014
- **Software Engineer – Firefox OS Frontend** 📍 Taipei, Taiwan
Mozilla
 - Maintained input (virtual keyboard) management at System App & Keyboard App
 - Implemented user dictionary for Keyboard App
 - Agile-style collaboration with project/product managers and UX/visual designers
- 2014
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2013
- **Software Developer – Backend** 📍 Taipei, Taiwan
Plurk
 - Designed the infrastructure of real-time push notification for Android app
 - Built a URL indexing, aggregation and ranking service

SELECTED PROJECTS

- 2018
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2017
- **DPReview Buying Guides on Amazon Onsite Publishing**
 - Cross-team endeavor, with me putting on extra project management & product management hats
 - As the project owner at DPReview side, collaborated with editors and other internal/external stakeholders to convert in-house buying guide contents for presentation on Amazon marketplace to drive sales
- 2016
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2015
- **Cloudification of Plurk**
 - Co-planned and co-executed migrating colo servers to Amazon Web Services
 - Improved system performance & reduced operational cost by engineering architectures at various levels: EC2 Linux sysctl parameters, Memcached and Redis, and server-side & web client-side code
 - Reduced some Redis instances' memory usage by 60%~70%, comet server's required network bandwidth by 40%, DynamoDB read capacity requirement by 50%

EDUCATION

- 2012
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2009
- **M.S. in Computer Science and Information Engineering**
National Taiwan University
 - Computer architecture/system design with phase-change memories
- 2011
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2010
- **Exchange Student**
San Diego State University
- 2009
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2005
- **B.S. in Computer Science and Information Engineering**
National Taiwan University
 - Rank: 5 of 100 / Grade average: 90.74%

CONTACT INFO

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SKILLS

HTML5
CSS3 & preprocessors
JavaScript (incl. ES6 onwards)
JS-based MVVM frameworks
Python

UX design process
Prototyping w/ Adobe XD
UI design

Memcached
Redis
MySQL

C
C++ (incl. C++11 & C++14)
C#
System programming
Parallel programming

System design
Performance optimization
Mocha testing & TDD/BDD

This résumé was wholly typeset
with HTML/CSS — see
git.io/vVSyL