# MIN–ZHONG **JOHN** LU

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

## 💼 EXPERIENCES

**Software Development Engineer, DPReview**
IMDb.com (Amazon subsidiary)
2018 | 2017 — 📍 Seattle, WA

- 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

**Software Developer – Full-Stack**
Plurk
2015 — 📍 Taipei, Taiwan

- 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

**Software Engineer – Frontend, Firefox OS**
Mozilla
2015 | 2014 — 📍 Taipei, Taiwan

- 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

**Software Developer – Backend**
Plurk
2014 | 2013 — 📍 Taipei, Taiwan

- Designed the infrastructure of real-time push notification for Android app
- Built a URL indexing, aggregation and ranking service

## 📁 SELECTED PROJECTS

**DPReview Buying Guides on Amazon Onsite Publishing**
2018 | 2017

- 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

**Cloudification of Plurk**
2016 | 2015

- 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

**M.S. in Computer Science and Information Engineering**
National Taiwan University

- Computer architecture/system design with phase-change memories

**Exchange Student**
San Diego State University

**B.S. in Computer Science and Information Engineering**
National Taiwan University

- Rank: 5 of 100 / Grade average: 90.74%