



Computer Engineering  
University of Waterloo

**Liang-Hsuan Ma (Leon)**

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🌐 [lhm.rocks](http://lhm.rocks)  
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🐙 [github.com/Liang-Hsuan](https://github.com/Liang-Hsuan)

*Write\_clean\_and\_elegant\_code += Design\_with\_user\_in\_mind*

## Skills

**Languages:** Java; C#; C++; Ruby; PHP; JavaScript; SQL; Bash; HTML; CSS; XML; JSON; UML ...

**Frameworks:** .Net; Ruby on Rails; React; jQuery; Bootstrap; Pure; OpenCV; JavaFX/Swing; JUnit ...

**Technologies:** AJAX; Git; RESTful API; Elasticsearch; Microsoft Azure; Nginx; Firebase; OpenSSL ...

**Tools:** Eclipse; Visual Studio; Xcode; Sublime; Dreamweaver; Android Studio; Vagrant; Docker; Ngrok ...



## Work Experience

### CTO, Co-Founder – RHBoys

- ▲ Started Kicks4Love web and app from scratch by using Ruby on Rails and React Native.
- ▲ Set up fast and secure Nginx web server that enable Gzip compression, leverage browser caching, and prevent DDoS attack.
- ▲ Engaged in DevOps work environment with constant software updates and releases.

### eCommerce Web Developer – Jewlr.com

- ▲ Added new features to public commercial website and internal management system around Ruby on Rails MVC framework.
- ▲ Individually implemented numerous payment methods such as Apply Pay on web, PayPal, ACH and Affirm, with integration of payment processors such as Stripe and Braintree.
- ▲ Utilized Vagrant and Docker to develop the software that shipped and deployed in daily basis.

### eCommerce Software Developer

#### – Ashlin BPG Marketing INC:

- ▲ Independently designed, developed, and tested various software using C# and Visual Studio as main stack.
- ▲ Developed financial applications for end-users using C#, .Net (ASP.Net), SQL Server, and JavaScript.
- ▲ Engaged in cloud computing to host database, web app and improve security on Azure.
- ▲ Wrote multiple advanced SQL scripts in order to achieve better interaction between client and database.

## Projects

### Liang-Hsuan Ma – [lhm.rocks](http://lhm.rocks):

- ▲ A responsive and mobile friendly personal website with many cool user interface designs.
- ▲ Constantly improving the website as new technologies released.

### Kicks4Love – [kicks4love.com](http://kicks4love.com):

- ▲ Collaborating with other trend enthusiasts to produce a latest sneakers information website.
- ▲ Dedicated to front-end design and user experience to ensure page visits.

### The Survival Game – [survivalgameonline.com](http://survivalgameonline.com):

- ▲ An online multiplayer game with an incredible environment for cooperation to survive.
- ▲ Reliable and fast server side plus a traditional game-looking theme.

### Order Manager:

- ▲ A desktop application that can manage orders from various online shopping channels.
- ▲ A flexible and modularized software due to multi-channel handling.
- ▲ Plenty of data manipulation, data processing and data exchange via XML, JSON and CSV files.