

Computer Engineering  
University of Waterloo

# Liang-Hsuan Ma (Leon)

✉ l63ma@uwaterloo.ca  
☎ 519-722-8665

🌐 [lhm.rocks](http://lhm.rocks)  
🌐 [linkedin.com/in/lianghsuanma](https://linkedin.com/in/lianghsuanma)  
📄 [devpost.com/Liang-Hsuan](https://devpost.com/Liang-Hsuan)  
🐙 [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; HTML; CSS; XML; JSON; UML ...

### Frameworks:

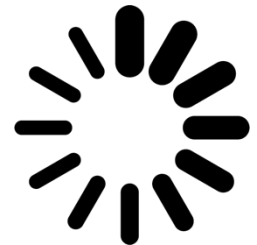
.Net; Ruby on Rails; Angular; jQuery; Bootstrap; Pure; OpenCV; JavaFX/Swing; junit ...

### Technologies:

AJAX; Git; RESTful API; Elasticsearch; Microsoft Azure; Nginx; Firebase; OpenSSL; Android ...

### Tools:

Eclipse; Visual Studio; Xcode; Sublime Text; Dreamweaver; Android Studio; Vagrant; Docker ...



## Work Experience

### 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.
- ▲ Cooperated within a small team with scrum development cycle.

### 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.
- ▲ Utilized numerous third party APIs to update and exchange data on ERP systems.

## 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 sneaker enthusiasts to produce a latest sportswear 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.