

# Xin Luo

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GitHub: <https://github.com/RosLn>

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Address: 6/21 Kings Road, Panmure, Auckland, New Zealand

## Resume Profile

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A Bachelor of Computer Science graduate at the University of Auckland, who has experience across a range of projects. An outgoing and self-directed person, with proven teamwork skills. Currently looking to enhance professional skills in a dynamic and stable workplace, as a software engineer in a technology-focused company. Aiming to continually develop knowledge of software engineering and walk towards a career as a Full-Stack Engineer.

## Employment

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**Xiamen, China**

**Dec 2016 – Feb 2017**

**Gillion Technologies Ltd.**

**Java Developer, Intern**

**Task:** Implement functions of User-Authority Management System for an ocean freight company as part of team. Participated in work experience include:

### Back-End

- Using several frameworks to support project development, reinforce system's extensibility and maintainability
- Developed object-relational mapping layer between database and user interface with framework **MyBatis**, allowing end-users to manage data in client-side
- Using **My SQL Server** to managed database and implemented queries
- Completed the CRUD and search functions by **Java EE**, allowing rank by reference
- Managed repositories of projects by **Maven**, learned how to build and manage dependencies of packages and plugins

### Front-End

- Rewritten web pages based on UI design to meet user requirements
- Developed function of displaying data in tabular form in client-side
- Developed business logics using **JavaScript** and **AngularJS**, learned how to use proxy tools like nginx and how to debug in browser console
- Using **RequireJS** to manage dependencies of all modules in projects, knowing how modular programming works and understand the necessity of dependencies management

## Education

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**Auckland, New Zealand    University of Auckland**

**Jul 2014 – Nov 2017**

**Bachelor of Science (Computer Science)**

- B+ average grades in Computer Science courses
- Relevant coursework: Object Oriented Programming, Business System Analysis, Artificial Intelligence, computer networking, Operating System and Applied Algorithms

### Curricular Assignments/Projects

- Wrote a **Prolog** program to solve puzzle problem
- Wrote a **Python** program to analyse and generate data report of web server logs
- Successfully wrote a simple **Python** File System in 200 lines, while most students used more than 500 lines
- Wrote a RESTful website in **ASP.NET** web form which can consume dataset from an XML web service
- Implemented Business analysis for NZ Healthcare system (got IIBA certificate). Designed GUIs for Patient Portal System in both website platform and phone app platform, got almost full marks (group work)

## Personal Projects

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- Wrote a **Python** Scrapy that can download images and videos of given Tumblr blog  
-- [https://github.com/Ros1n/python\\_scrapy](https://github.com/Ros1n/python_scrapy)
- Wrote a **Xamarin** cross platform app with Cognitive Services (text analytics) within Microsoft's **Azure** cloud service (MSA project)  
-- [https://github.com/Ros1n/MSA\\_module2](https://github.com/Ros1n/MSA_module2)
- My personal website -- <http://pwpwebapp.azurewebsites.net/>  
code can be seen in: [https://github.com/Ros1n/Personal\\_Website\\_Rosin](https://github.com/Ros1n/Personal_Website_Rosin)
- Wrote a **Python** Proxy Server that can implement basic methods (GET, POST, OPTIONS and TRACE) and filter blacklist --<https://github.com/Ros1n/web-proxy>

## Technical Skills

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- **Language and Technologies:**  
Java/Java EE, Python, C#, JavaScript, Xamarin, MySQL, HTML, CSS, Bootstrap, Prolog, AngularJS, Azure, Hexo, Git
- **Area of expertise:**  
Object-Oriented Programming, Web-based Development, Distributed Web Services, Database Management, Applied Algorithms, Machine Learning, Version Control
- **Familiar IDE:**  
Eclipse, MyEclipse, IntelliJ IDEA, Sublime Text, notepad++, Visual-Studio 2017

## Interests and Hobbies

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- **Running** — 5<sup>th</sup> and 7<sup>th</sup> in senior high school 800m and 1500m sports competition
- **Table tennis** — recreational player
- **Build PCs** — have successfully built 5 PCs and provide advice about hardware to friends

## Referees

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Yunchang Huang  
Java Development Team Lead  
Gillion Technologies Ltd. China  
[huangyunchang@gillion.com.cn](mailto:huangyunchang@gillion.com.cn)  
(Non-English speaking)

Zongcheng Yang  
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