

# Xin Luo

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GitHub: <https://github.com/Ros1n>

My Website: <http://pwpwebapp.azurewebsites.net>

Work eligibility: Student Visa

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## Career Objective

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I am a third year Bachelor of Computer Science student at University of Auckland. As a self-directed person, I have built solid knowledge of Software Engineering in university, and reinventing wheels/rewritten code to test and reinforce my knowledge. I also have experience in a diverse range of projects, including commercial projects. As an outgoing, humorous and energetic person, I enjoy working in a team with like-minded developers. I wish to continually develop my knowledge of software engineering, to be a Software Architect in the future.

## Employment

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**Xiamen, China**

**Dec 2016 – Feb 2017**

**Gillion Technologies Ltd.**

**Java Developer, Intern**

**Task:** Implement a user-authority management system for an ocean freight company with a team. Responsible for both Front-End visual elements and Back-End application logics. Some code was given but needed to be rewritten.

### Back-End

- Using **Spring Framework** to infrastructural support the application-level business logics and dependency injection. Making the system extensible and easy to maintain
- Implemented object-relational mapping layer between **MySQL Server** and web applications by using **Mybatis**, allowing end-users to manage database through web applications
- Completed key functionalities of maintaining database with **Java EE**, enable CRUD functionalities, searching and ranking order by reference
- Managed repositories of projects by **Maven**

### Front-End

- Using **RequireJS** framework to managed dependencies of all modules in projects
- Rewritten system's visual elements based on UI design (**HTML + CSS + Bootstrap**), rewritten some code from one similar programme, met the criteria
- Implemented responsive code to produce dynamic view (**JavaScript + jQuery + AngularJS**), allowing change some variable contents and collecting user's input data

## Education

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**Auckland, New Zealand    University of Auckland**

**Jul 2014 – Exp. Grad 2017**

**Bachelor of Science (Computer Science)**

- B+ grades in Computer Science courses
- (Using **Python**) successfully wrote a simple file system in 200 lines, while most students used more than 500 lines
- Wrote a **HTML** website (**CSS, JavaScript**) with **RESTful** services (**C#, SQL**) in **ASP.NET** platform, consuming data from database and output dataset based on user's mouse click
- Implemented Business analysis for NZ Healthcare system (got IIBA certificate). Designing GUIs for Patient Portal System in both website platform and phone app platform, got almost full marks (group work)
- Learned practical algorithms like Dijkstra, Dynamic Programming, Network Maximum flow, can implemented them in real problem

## Personal Projects

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- Wrote a **Python Scrappy** that can collect images of specific Tumblr account. By accepting a Tumblr URL the Python application will download all images of that Tumblr account in a folder with account name -- [https://github.com/Ros1n/python\\_scrappy](https://github.com/Ros1n/python_scrappy)
- 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)
- Wrote a personal **HTML** website with **CSS**, **Bootstrap**, **JavaScript** and **jQuery**, runs on **Azure server** with cloud services, mainly used as a study Blog, and exhibit contents about myself to other people. -- [https://github.com/Ros1n/Personal\\_Website\\_Rosin](https://github.com/Ros1n/Personal_Website_Rosin)
- Wrote a **Python** web proxy server that can implement basic methods (GET, POST, OPTIONS and TRACE) and filter blacklist -- <https://github.com/Ros1n/web-proxy>
- Implemented a simple Client-Server Communication System with **Java** -- <https://github.com/Ros1n/client-server-system>

## Core Professional Skills

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- **Language and Technologies:**  
Java/Java EE, Python, C#, Xamarin, MySQL, HTML, CSS, Bootstrap, JavaScript, jQuery, AngularJS, Azure, Git, WPF
- **Area of expertise:**  
Web Development, Database Management, Cross Platform Development, Algorithm
- **Familiar IDE:**  
Eclipse, MyEclipse, IntelliJ IDEA, Sublime Text, notepad++, Visual-Studio 2017

## 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  
Teaching Assistant, Tutor  
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