# Xin Luo

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## Education

**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, Machine Learning, computer networking, Operating System and Applied Algorithms

**Curricular Assignments**

- Wrote **Prolog** program to solve Zebra Puzzle Problem
- Analysed user data from web server logs using and generate report using **Python**
- Successfully wrote a File System in 200 lines, while most students used more than 500 lines
- Developed a RESTful website with XML web services in **ASP.NET** web form
- Implemented Business analysis for NZ Healthcare system (got IIBA certificate). Designed GUIs for Patient Portal System in both website and mobile devices platform, got almost full marks (group work)

## Employment

**Xiamen, China**                                                          **Dec 2016 – Feb 2017**
**Gillion Technologies Ltd.**
**Java Developer, Intern**
**Task:** Implement User-authority Management System for an ocean freight company as part of a team.
**Back-End**

- Using serval frameworks to support project development, make design more methodical and maintenance less time consuming
- Developed object-relational mapping layer between database and user interface using **MyBatis**, allowing end-users to manage data in client-side
- Using **MySQL Server** to manage database system and write queries
- Developed main functions and interfaces using **Java**, for example, CRUD and search function
- Managed repositories of projects by **Maven**, managed dependencies of packages and plugins

**Front-End**

- Rewritten web pages based on UI design to meet user requirements
- Developed application 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 managing dependencies

## Side Projects

- A **Python Scrapy** for Tumblr -- https://github.com/Ros1n/python_scrapy
- **Xamarin** Cross Platform App with Cognitive Services (text analytics) within **Azure** cloud service (MSA project) -- https://github.com/Ros1n/MSA_module2
- Personal website(**HTML&CSS**) -- https://github.com/Ros1n/Personal_Website_Rosin
- **Python** Proxy Server that can implement basic methods (GET, POST, OPTIONS and TRACE) and filter blacklist --https://github.com/Ros1n/web-proxy
- Successfully built 5 PCs and provide advice about hardware to friends

## Technical Skills

- **Language and Technologies**:
  Java/Java EE, Python, C#, JavaScript, HTML, CSS, Xamarin, MySQL, Bootstrap, Prolog, AngularJS, Azure, Git
- **Familiar IDE**:
  Eclipse, MyEclipse, IntelliJ IDEA, Sublime Text, notepad++, Visual-Studio 2017