

Xin Luo

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

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: Software Construction, Business System Analysis, Database System, Machine Learning, Computer Networking, Operating System and Applied Algorithms

Curricular Projects

- Wrote a **Prolog** program to solve Einstein Puzzle Problem
- Wrote a **Python** program to analysed web server logs and generate report
- Developed a **Python** File System in 200 lines, while most students used more than 500 lines
- Developed a website with RESTful 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 platform and mobile devices platform, got almost full marks (group work)

Employment

Xiamen, China

Dec 2016 – Feb 2017

Gillion Technologies Ltd.

Java Developer, Intern

Task: developed User-authority Management System for an ocean freight company as part of a team.

Back-End

- Using serval frameworks to support project development, made design more methodical and maintenance less time consuming
- Developed object-relational mapping between database and user interface using **MyBatis**, allowing end-users to manage data in client-side
- Managed database system and wrote queries using **MySQL Server**
- 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

- Rewrote 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 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/Simple_Proxy_Server
- **JavaScript** Snake Game -- <https://github.com/Ros1n/Snake-Game>
- 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