Xin Luo

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Career Objective

A **Bachelor of Computer Science** graduate from University of Auckland, who has experience across a range of development projects. With proven problem-solving skills and good teamwork skills. Currently looking to enhance professional skills in a dynamic and stable workplace, aiming to continually develop knowledge of Software Design and Web-based Development and walk towards a career as a Full-Stack Developer.

Education

Auckland, New Zealand   **Jul 2014 – Dec 2017**
University of Auckland
Bachelor of Science (Computer Science)

- Computer Science GPA: 6.2 / 9.0
- Got IIBA Certificate (Business System Analysis)
- Relevant Coursework: OO Design, Computer Networking, Database System, Operating System, Applied Algorithms and Machine Learning

Curricular Projects

- Developed a Web App with **RESTful** web services in **ASP.NET** web form
- Developed a **Python** File System in 200 lines, while most students used more than 500 lines
- Applied logic programming to solve Einstein Puzzle Problem
- Applied algorithms like Dynamic Programming or Maximum flow to solved problems
- Developed a **Python** program to analyse user data from web server logs and generate report
- Used Query Optimizer to analyse queries and determine most efficient way to execute queries
- Applied Design Tree and Perceptron Learning to analyse data and make predictions
- (group work) Implemented Business System Analysis for NZ Healthcare System. Designed GUIs for Patient Portal System in both web and mobile platform, got almost full marks

Employment

Xiamen, China   **Dec 2016 – Mar 2017**
Gillion Technologies Ltd.
Java Developer, Intern
Task: developed User-authority Management System for China Minmetals Corporation on a team.
Front-End

- Developed application logics using **JavaScript** and **AngularJS**, learned how JavaScript applied in commercial projects and how to trace and debug in browser console, got exposure to some JavaScript frameworks
- Rewrote several web pages based on UI design to meet user requirements
- Using **RequireJS** to manage dependencies of modules in projects, knowing how modular programming works and understand the necessity of managing dependencies

Back-End

- Developed functions and interfaces using **Java**, for example, CRUD and paging query
- Using **Spring** framework 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 user data in client-side
- Managed database system and wrote queries using **MySQL**
- Managed repositories of projects by **Maven**, managed dependencies of packages and plugins

Auckland, New Zealand   **Oct 2015 – Nov 2016**
HanSan Vietnamese Restaurant
Dining Room Staff
- Provided customer services in a busy restaurant environment with a waiting team of 10
- Front cashier work, greeting customers and financing bills

Side Projects

- A **Python** Scrapy/Web Crawler -- https://github.com/Ros1n/python_scrapy
- A Text Analytics Cross-platform App -- https://github.com/Ros1n/Text-Analysis-App
- Personal website (**HTML & CSS**) -- https://github.com/Ros1n/Personal_Website_Rosin
- **Python** Proxy Server with blacklist function -- https://github.com/Ros1n/Simple_Proxy_Server
- **JavaScript** Snake Game -- https://github.com/Ros1n/Snake-Game
- **Java** Server Application -- https://github.com/Ros1n/XinServer

Technical Skills

- **Language and Technologies**:
  Java/Java EE, Python, C#, .Net, JavaScript, HTML, CSS, XML, Bootstrap, JUnit, JSON, AngularJS, MySQL, Azure, Git, Linux, Spring, MyBatis, Hibernate, Maven
- **Familiar IDE**:
  Eclipse, MyEclipse, IntelliJ IDEA, Sublime Text, Visual Studio 2017

Interests

- Long-distance runner, also like swimming, table tennis, travelling and exercising at home using the *Convict Conditioning*
- Computer enthusiast, like to build PCs and have successfully built 5 PCs. Always provide advice about computer hardware to friends
- Member of NZCSA (New Zealand Chinese Student Association), regularly participate in their outdoor activities
- Volunteering. Visited elderly in nursing home, also served as Red Cross lifeguard in Baicheng Beach in summer holiday

Referees

Yunchang Huang (Non-English speaking)
Java Development Team Lead Gillion
Technologies Ltd. China
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Zongcheng Yang
Teaching Assistant, Tutor
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