Shenbo Xuan

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About Me

I am an adaptable and responsible penultimate year student seeking an internship which offers me the opportunity to develop new skills while strengthening those I already possess.

I am a good learner especially in the areas I am interested in. Typically I enjoy learning by trying to do research online or from books first and then ask questions. I believe communication helps me to learn but asking questions without thinking independently first is not the best way in the world.

I always wish to explore the world. Living in a multicultural country I found myself enjoying talking with different people. Various cultures have shown me different ways to view the world.

Education

Victoria University of Wellington — **Wellington**
Bachelor of Science, A in current year — *2013–2016*
Majoring in Computer Science. Minoring in Mathematics. Will finish in November 2016.

Victoria University of Wellington — **Wellington**
New Zealand Foundation Study, A- — *2012–2013*
Study area includes mathematics, statistics, computing, politics and writing. Average grade A-.

Languages

Java: intermediate	*Have done a few projects, please refer to the Projects section*
Python: intermediate	*Developed an management system, please refer to the Projects section*
C: intermediate	*Have done a small Tic-Tac-Toe game, please refer to the Projects section*
C#: intermediate	*Programmed some university assignments*
C++: interested in learning	*Currently self-learning.*

Skills

Object Oriented Programming: When I program, I always keep all the OOP concepts in mind to make my program robust. These concepts include: Inheritance, Polymorphism(dynamic dispatch) and Encapsulation.

Working in a team: I am the secretary in our team for a course I am currently taking. Besides the programming tasks I have to do for the project itself, I also organise team meetings and play a "bridge" role in the team. I have been involved in several team projects during my study. I have found that communication is the most important skill when working in a team. So far I have enjoyed the group projects I have done.

SQL: I have used SQL for some university courses and for a management system I built.

Using tools: Using tools makes our life easier, specifically more efficient. I believe an IDE might not be as powerful if one does not know how to use it. Therefore I spent some time on learning Eclipse and I have found programming easier since.

Study Interests

Database: Relational Database System.

Artificial Intelligence: Specifically machine learning involves mathematical statistics.

Linux: The structure of Linux, command lines etc.

Mathematics: Calculus, logic and mathematical statistics. Specifically, optimisation

Projects

The Cluedo Game Text Based: A text based Cluedo Game written in Java which implements the basic rules of the real Cluedo Game.

https://github.com/xuanshenbo/Cluedo-Text-based

The Cluedo Game with GUI: Built on top of the text based Cluedo Game. GUI was made using Java Swing. Has more features than the text based Cluedo.

https://github.com/xuanshenbo/Cluedo-GUI

Garage Management System: A complete system written in Python. Was used by a friend who owns a garage.

https://github.com/maximustann/Bing_project

Other university-assigned projects: For example a wget-like web crawler written in Python and a server-client based Tic-Tac-Toe game written in C using pipes. These can be found in my Github page.