

# Ning Liu

## Education

- **Algonquin College, School of Advanced Technology** **09/2013 to present**  
Ottawa, Ontario, Canada  
[Computer Programmer](#) 3rd semester, GPA 3.70/4.0
- **Shanxi University of Finance and Economics, Faculty of Economics** **09/1999-07/2003**  
Taiyuan, Shanxi, China  
[Economics](#)
- **Languages:** English / Mandarin / German

## Computer Skills

- **Development Languages/Tools:** Java, C#, HTML5, CSS3, PHP, JavaScript, SQL, JUnit
- **Operating Systems:** Windows, Linux, Android
- **Software:** Eclipse, Visual Studio, WordPress, Apache Server, FileZilla, MySQL, Oracle, Microsoft SQL Server, VMware, Microsoft Project, Photoshop
- **Networking:** OSI and TCP/IP models, protocols (HTTP, DNS, DHCP, SMTP, Telnet and FTP), IP subnetting

## Projects

### **Location-aware Service Recommendation System (LASRS)** **05/2014 to present**

Office of Applied Research & Innovation, Algonquin College, Ottawa, Canada

**Role:** Android UI Developer

**Description:** LASRS uses QR (Quick Response) Codes posted around the campus to provide useful location and information about services and events at Algonquin College.

- Ensure the design and usability flow of the application;
- Contribute to the UI design of the Android app;
- Design and implement new features in the Android mobile app;
- Contribute to the creation of the technical documentation;
- Use Photoshop to create a poster describing the application.

### **Websites Design** **05/2014 to present**

MiTC Lab, Algonquin College, Ottawa, Canada

**Role:** Web Developer (Volunteer)

- Customize WordPress themes and modify WP plugins for the following sites: <http://www.jiehanzhou.com>, <http://lcf1.efccts.com>;
- Convert a WordPress website to static HTML: <http://algonquinhosting.ca/~acee/index.html>
- Design and develop a website using HTML, CSS: <http://maplecoders.com>

### **Mini – Cloud** **05/2014 to 08/2014**

Office of Applied Research & Innovation, Algonquin College, Ottawa, Canada

**Role:** Network Technician (Volunteer)

**Description:** Mini-Cloud is an accessible scaled virtual data center that enhances teaching and training of faculty and students. It provides a multi-purpose environment for Cloud Computing, networking and storage services.

- Install and configure Windows 2008 Server, Ubuntu 12.04 on VMware ESXi Server;
- Establish networking environment by designing system configuration and directing system installation.

### **iLbMobile-Kata Tournament**

**12/2013 to 03/2014**

MiTC Lab, Algonquin College, Ottawa, Canada

**Role:** Developer (Volunteer)

**Description:** The product is an end-to-end Martial Arts Tournament (MAT) management software to help organizers run more cost efficient tournaments.

- Use PHP, JavaScript and MySQL to develop and test the web interfaces used for submitting the scoring results from a tournament, as well as computing a final scoring table.

## **Work Experience**

### **Project Manager**

**2010 – 2013**

Shanxi Quality Certification Center, Taiyuan, China

- Consulted for clients who have the technical problems related to ISO9000/14000/18000, HACCP, QS and other national criteria;
- Drew up the training plans for clients who require additional support while executing the management systems procedures for ISO9000/14000/18000 and HACCP;
- Collected the statistics from customer satisfaction surveys, analyzed and compiled the technical service process.

### **Accountant**

**2003 – 2008**

Shanxi Quality Certification Center, Taiyuan, China

- Analyzed financial statements and prepared and examined accounting records;
- Computed taxes owed and prepared tax returns, ensuring compliance with payment, reporting and other tax requirements;
- Managed fixed assets.

## **Awards/Certificates**

### **Dean's Honours List**

**2014**

Algonquin College, Ottawa, Ontario, Canada

- 2nd semester, GPA 3.96/4.0

### **Internship in Certification Management**

**2010**

DVGW Cert GmbH, Bonn, Germany

- Assisted the German project managers in their communications with Chinese clients during their application and auditing processes;
- Participated in the MCE( Mostra Convegno Expocomfort 2010) Exhibition in Milan, introduced the German admittance systems and criteria for water and gas-related products to the Chinese exhibitors and other potential clients.

## **List of References**

- Jiehan Zhou, Supervisor, Algonquin College, zhouj@algonquincollege.com
- Hong Pei, Vice Director, Shanxi Quality Certification Center, peih912@126.com