Liam Li

Full Stack Software Engineer

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Summary

Certified AWS associate Solutions Architect, Developer.

Qualified and experienced full stack developer with local and overseas working experience. I am well-versed in developing web application, embedded system, web service from working experience and studying and I am experienced software development, debugging and testing. I have expertise in data structure, algorithms and data analysis which are also recognized by the former employers.

Skills

IT Skills	Back-end Skills: .NET 4 MVC, .Net Core, C#, C, C++, Java, PHP, SQL Server, Report/Email Service, RESTful Web Service/API, WCF, WinForms/WPF, LINQ, EF
	Front-end Skills: JavaScript(jQuery, Angular, TypeScript), HTML, CSS, Bower, Bootstrap
	Embedded System Skills: Assembly and Linux from work experience and studying
	Test Skills: Unit Test, Manual and Automation Testing Skills, Selenium
	Others: AWS, Data Mining and Machine Learning Skills including Weka and R
Project Skills	Agile Development - Scrum, SDLC and Change Management, Source Control (Git, SVN)
Telecommunication Skills	Telecommunications principle and different generations of technologies
	Installation, maintenance and trouble-shooting of telecommunications equipment,
Customers Service Skills	Empathy, patience and consistency; adaptability; sense of humor
Language Skills	Good English communication skills
	Native Speaker of Mandarin

Education

Postgraduate Diploma	July 2016 – July 2017	PGD in Computing
	Department of Computing	Unitec Institute of Technology
	Web Application Development, Agile & Lean Software Delivery, Network Programming, Data Mining and Industry Applications, Machine Learning and Information Processing	
Master of Science	September 2011 - July 2014	Control Theory & Control Engineering
	School of Information Engineering	Nanchang University
	C++ Programming, Principles of GPS and Application, Computer Controlling System, Design of Embedded System, Sensor Technology & Application, Advanced Mathematics	
Bachelor of Science	September 2007 - July 2011	Automation
	School of Information Engineering	Nanchang University
	C Language Programming, Data Structure, Electric Circuit, Smart Control Technology PC principles and Port Technology (Assembly), Electronic and PLC control	

Work Experience

◆ Trackit Limited **Software Developer**

April 2017 – May 2019 Auckland, New Zealand

Responsibilities: Developing new custom features (e.g. Logistic Tracking, Asset Service Maintenance), report service, database and web service with C#, JavaScript, SQL and Google Service. Releasing products and version management are also part of my weekly work. My job also includes supporting team members' technical queries and solutions.

    Projects: GPS Tracking and Analyses Solution, Logistic Consignment Solution.

    Technologies: C#, .Net 4, Generics, Winform/WPF, SQL Server, HTML, CSS, JavaScript, jQuery, SVN, JIRA, Web Service, WCF, Report Service, WebPack, Exceptions Management, Asynchronous and multi-threaded applications.

◆ Ed.Collective **Database Developer, Contract**

January 2017 – March 2017 Auckland, New Zealand

Responsibilities: As the independent developer and data analyst of Ed.Collective data review project. I'm in charge of the technical design and working as SQL Server database developer to implement this project. I am pushing the data storage method shifting from Access to SQL Server along with data analyses project and making future working process more efficient to operate with standard coding and infrastructures including UDF, stored procedure and data import & process T-SQL script.

    Projects: Ed.Collective Data Review Project; Ed.Collective Data Population Project

    Technologies: SQL Server, T-SQL, Stored Procedure, Dynamic SQL, SSMS, Data Analyses, Data Mining

◆ ZTE Global Telecommunication Corporation **Software Developer**
    July 2014 – June 2015 Beijing, China

    Responsibilities: Business Analyses for Automatic Switch Optical network software system; software development and unit test matching new features; system issues tracking and processing; development of command line code for site engineer; system debug with testers and developers from different sections of the system.

    Projects: Wavelength Division Multiplexing Automatic Switch Optical Network for Intelligent OTN

    Technologies: Embedded System, C/C++ language, Java, Scrum Development, Unit Test, Integration Test

◆ Nanchang University **Project Manager**
    June2012 – May 2014 Nanchang, Jiangxi, China

    Responsibilities: Software system design, development and testing; on site telecommunication cable and fiber wiring, fiber fusion, network environment build and configuration, plan and schedule making of project implementation; business analyses with information collected from factory manager; technical feasibility check; training courses delivery for new staffs or system users.

    Projects: Silkworm Egg Incubation Monitoring System
              Hospital miniature laboratory information management system (LIS)
              Andon System for Automobile Workshop & Remote Energy Monitoring System
              Lincomycin Fermentation Process Parameters Monitoring System
              Manufacturing Information System (A4 Production Line)
              Maintenance and Upgrade for Temperature Control System of Large Trolley Resistance Furnace

    Technologies: SQL Server DB, Oracle DB, Java, .Net Framework, Delphi, Site Management, CRM, ERP

◆ BP Meadowbank **Customer Service, Part-time**
    May 2016 – September 2016 Auckland, New Zealand

    Responsibilities: provide service to customers before, during and after a purchase.

◆ NZSales168 **ICT Support**
    October 2015 – March 2016 Auckland, New Zealand

    Responsibilities: equipment network problems shooting; ensure efficient use of applications and equipment; maintain websites; deal with daily sales affairs; communicate with customers to enquiry their requirement; do the training for new employees; check inventory; deal with customers' complains.

Interests

In my spare time, I volunteer in events and catch up friends by great walk, scuba diving, marathon, road trips.

Awards and Honors

◆ Awarded the Excellent Student Scholarship 5 times during undergraduate
◆ Awarded the second prize of college-level speech contest during undergraduate
◆ Awarded the first prize of university-level Mathematical Modeling Contest during undergraduate
◆ Obtained the title of university-level Excellent Student and Outstanding Student Leader during undergraduate

Reference

Available on request.

More detailed information can be found on LinkedIn: https://nz.linkedin.com/in/liamli2014