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## RONG ZHUANG

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### EMPLOYMENT

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**Developer(On-Campus Job)** **DePaul University** **2014/09 – Present**

Independently investigated cross-platform solutions for the school's online course system, built prototypes with HTML5, jQuery, ASP.NET, phoneGap, C# and Xamarin, created investigation document. Leading a small team to develop an online video share web application with Facebook React, jQuery and ASP.NET MVC. Finished the requirement and design document.

**Senior Developer/Architect** **SAP Labs China** **2009/10 – 2014/08**

Worked in GRC (Governance, Risk, and Compliance) Department, first acted as developer for SAP PC(Process Control), then moved to SAP GTS(Global Trade Service) and was promoted to architect later. Have the knowledge of other ERP modules: SD, MM, FI, HCM, etc. Key developer for PC dashboards built with BOBJ Dashboard(Xcelsius), supporter engineer for core function of GTS SPL. Lead team to finish the development for China localization of GTS. Created design and technical documents, transferred GTS knowledge to team members, communicated smoothly with internal/external stakeholders.

**Senior Software Engineer** **Infosys Technologies China** **2007/11 – 2009/09**

Joined Syngenta support team at first as software engineer, then transferred to MSSolve development team and was promoted to senior software engineer later. Led team to develop a newsletter subscription web application with ASP.NET. Fully took over maintenance task from India team, analyzed the complex requirements and enhanced the current system.

**Software Engineer** **Amano Software Engineering (Shanghai) Co., Ltd** **2006/10 – 2007/11**

Member of the support team for TimeAsset Attendance Management System, responsible for maintenance and enhancement tasks. Refined the .NET source codes, improved the system's quality and performance. Investigated and solved the compatible issues for the new running environment (OS, Web Browser, etc.).

**Software Engineer** **Shanghai Hua Zhong Computer Software Engineering Co., Ltd** **2004/07 – 2006/07**

Participated in several out-sourcing projects. Developed a tenement and salary web system with ASP(VBscript+Html+Javascript), created high-performance reports with PL/SQL and ActiveReport. And worked on the most complex module of a windows desktop application, refactored it from VB6.0 to C#.

### EDUCATION

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**Chicago, IL, US** **DePaul University** **2014/09 – 2016/06**

- M.S. in Computer Science (Full Scholarship), GPA: 3.9 (until present)
- Graduate Coursework: Algorithms; Concepts of Programming Languages; OO Software Development; Database Technologies; Mining Big Data; iOS Development; Android Development; Distributed System; Intelligent Information Retrieval; Software Security Assessment; *Advanced Data Analysis; Scripting for Data Analysis.*

**Shanghai, China** **East China University of Science & Technology** **2000/09 – 2004/06**

- B.S. in Computer Science and Technology.
- Undergraduate Coursework: Computer Mathematics, Operating Systems; Algorithms; Programming Languages; Database; Data Structure, Principle of Software Engineering, Computer Networks, Computer Architecture, Parallel and Distributed Computing, System Software Design.

### TECHNICAL EXPERIENCE

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#### Projects

- **ColTube Video Sharing Tool** (2015 – present). ColTube system maintains a video library, instructors upload videos and share to students to watch. The system consists of two main components, one web application

server and another stream media server. The web application is developed with Facebook React as frontend, and ASP.NET MVC as backend. Facebook React, jQuery, ASP.NET MVC, C#, Entity Framework, SQL Server.

- **Cross-Platform Mobile Online Course Tool** (2014 – 2015). Online course system enables students to watch the lectures through desktops/laptops, phones, tablets and other mobile facilities. Develop once and deploy to different platforms, like iOS, Android, etc. Investigated two possible solutions, PhoneGap and Xamarin and created the analysis documents. Totally independent, self-study, working alone. Html5, jQuery, PhoneGap/Cordova, ASP.NET, C#, Xamarin.
- **SAP GTS China Localization** (2012 – 2014). Enhance SAP Global Trade Service to support the Import/Export processes in China, run in Lean/Scum mode. Key person to the team. ABAP, SAP Entry Page.
- **SPL Maintenance** (2011 – 2012). Sanctioned Party List Screening is one of the most important functionalities of compliance management in GTS. Get familiar with the version control and delivery management. ABAP.
- **SAP Process Control Dashboards** (2009 – 2011). A complex status dashboard contains small dashboards inside, pioneer and major of the investigation team. BOBJ Dashboard, Flex, ABAP, WebDynpro.
- **Microsoft MSSolve**(2008 – 2009). A new incident management system for Microsoft Dynamics support teams, project was run in scrum. WPF/WCF, C#.
- **Syngenta online newsletter subscription tool** (2007 – 2008). A web application to automatically post news to those who subscribes the relevant topics. Key member in design and development. ASP.NET, C#, SQL Server.
- **TimeAsset Attendance Management System** (2006 – 2007). A system can be accessed through both client application and web browser. Took the challenging tasks and finished beyond expectation. C#(Windows Form), ASP.NET, javascript.
- **ESPANET Clothing Manufacture and Management System** (2005 – 2006). Refactor the system from VB6.0 to C#, worked on the most complex module(a screen with 8 tab pages, about 400 controls and codes with 28,000 lines, lots of events between tabpages and controls). Finished within 2 months. VB6.0, C#.
- **TDI Finance Management System** (2005 – 2005). A typical C/S system. Developed the reports of client side to print out financial forms which shall be strictly same with official templates. C#, Active Report.
- **Positive Salary Management System** (2004 – 2005). An ASP web application for salary, renting management. Created several high-performance reports with SQL queries. VBscript, Html, Javascript, Active Report, PL/SQL.

#### LANGUAGES AND TECHNOLOGIES

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- **SAP** ABAP, WebDynpro, SAP GUI, Entry Page, BOBJ Dashboard, HANA, SAP Netweaver
- **Microsoft** C#, ASP.NET MVC, Windows Form, SQL Server, Windows Phone, VB.NET, IIS
- **Mobile** Swift, Android, Java, PhoneGap(Cordova), HTML5, Xamarin, iOS, Xcode
- **Others** SQL, javascript, jQuery, HTML, XML, Hadoop, Flash/Flex, C, Oracle database

#### HIGHLIGHTS & ADDITIONAL INFO

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- Awarded 3rd prize with an 'SAP dictionary' app on **Windows Phone**, out of 15 competitors in '2011 Developer Challenge' of SAP Labs China.
- Developed a multi-threaded elevator system with Java for course 'SE450-OO Software Development'.
- Analyzed data by using **Hadoop** MapReduce over Amazon EC2 for course 'CSC555-Mining Big Data'.
- Built **iOS** Apps(eg. Remote TV controller, Travel Note) with **Swift** for course 'CSC471-Mobile APP Dev For iOS'.
- Built **Android** Apps(eg. Remote TV controller, Restaurant Recommendation) with **Java** for course 'CSC472-Mobile APP Dev For Android'.
- Built a Web Server through **socket programming with Java** for course 'CSC435-Distributed System'.
- Personal website and portfolios <https://jojozhuang.github.io/>.