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Sponsorship required to work in the US

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EMPLOYMENT

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, ASP.NET, PhoneGap and Xamarin, created investigation documents. Leading a small team to develop an online video website with Facebook React 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. Acted as technical pioneer within team. Key developer for PC dashboards with BOBJ Xcelsius. Core supporter engineer for GTS SPL. Led team(8 members) to finish the development for China localization of GTS in lean/scrum.

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

Joined Syngenta support team at first as software engineer. Led team(3 member) to develop a newsletter subscription web application with ASP.NET, finished all development and testing tasks three weeks earlier than planned. Independently took over a tough maintenance task from India team within two months. Later, was promoted to senior software engineer and transferred to MSSolve project which was run in scrum mode. I finished one module with WPF&WCF.

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

Improved the Attendance system's quality and performance by refining the .NET source codes. Investigated and solved the compatible issues in the new environment (OS, Web Browser, .NET Framework 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

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; *Database Programming; Scripting for Data Analysis.*

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

- B.S. in Computer Science and Technology.

TECHNICAL EXPERIENCE

Projects

- **ColTube Video Sharing Tool** (2015 – present). Instructors can upload videos into ColTube system and share them to students. This web application is developed with Facebook React as frontend, and ASP.NET MVC as backend. I finished the requirement document and design document. Currently, working on Web APIs with C#, and using React, Redux to build client pages.
- **Investigation of Cross-Platform Online Course Tool** (2014 – 2015). Current DePaul's online course system are built with Adobe Flash and Microsoft Silverlight. Students can watch the lectures through web browser in

desktop or laptop. But this tool doesn't work well in phones, tablets and other mobile facilities. And we have to maintain two different pieces of code. The aim of the research is to find a cross-platform solution that makes it possible to deploy the tool to desktop/laptop and mobile platforms, like iOS and Android. Develop once, run everywhere. I investigated three possible solutions, HTML5, PhoneGap(Cordova) and Xamarin. Built three prototypes for each solution, analyzed the advantages/disadvantages, concluded the results and finished the investigation document. Worked independently for the whole process.

- **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(8 members). Created design and technical documents, transferred GTS knowledge to team members, communicated smoothly with internal/external stakeholders. Finished development tasks with ABAP and SAP Entry Page.
- **SPL Maintenance** (2011 – 2012). Sanctioned Party List Screening is one of the most important functionalities of Compliance Management in SAP GTS. I accepted the messages from customers and provided the solutions quickly. Summarized the knowledge and experience into documents. Gained deeper understanding of delivery management, version control and product lifecycle.
- **SAP Process Control Dashboards** (2009 – 2011). A complex overall status dashboard contains small dashboards inside. Independently investigated and implemented this dashboard with BOBJ Dashboard, Adobe Flex, ABAP and WebDynpro.
- **Microsoft MSSolve**(2008 – 2009). A new incident management system for Microsoft Dynamics support teams, project was run in scrum. We were a 10 person team, and cooperated with another 8 person team from Microsoft. The system was mainly developed with WPF/WCF in C#.
- **Syngenta online newsletter subscription tool** (2007 – 2008). This web application can automatically post news to subscribers. It was developed with ASP.Net in C#. I'm the key person in design and development.
- **TimeAsset Attendance Management System** (2006 – 2007). A system can be accessed through both client application and web browser. I improved the system performance and fixed the compatible issues by using Windows Form and ASP.NET in C#.
- **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.
- **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

SAP	ABAP, WebDynpro, SAP GUI, Entry Page, BOBJ Dashboard
Microsoft	C#, ASP.NET MVC, Windows Form, SQL Server
Mobile	iOS/Swift, Android/Java, PhoneGap(Cordova), Xamarin
Others	SQL, HTML5, javascript, jQuery, Bootstrap

HIGHLIGHTS & ADDITIONAL INFO

- 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'.
- 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'.
- Awarded 3rd prize with an 'SAP dictionary' app on **Windows Phone**, out of 15 competitors in '2011 Developer Challenge' of SAP Labs China.
- Personal website and portfolios https://jojozhuang.github.io/.