

Ting-Kuan Wu

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EDUCATION	University of Pittsburgh, Pittsburgh, PA <i>Master of Science in Information Science (MSIS), GPA: 3.8</i>	08/2012-12/2013
	National Chung Hsing University, Taichung, Taiwan <i>Bachelor of Business Administration in Management Information Systems, GPA: 3.49</i>	09/2007-06/2011
SKILLS	<i>Programming Languages:</i> Javascript, HTML5, CSS, JQuery, JSP/Servlet, ASP.NET, C#, PHP, Python, XML, C, C++ <i>Framework and Applications:</i> Scikit-learn, NumPy, MongoDB, Node.js, Knockout.js, AngularJS, Jasmine, JSTL, Struts 2, Entity Framework, MySQL, SQL Server, Mercurial, Team Foundation Server <i>Platform:</i> Windows Server 2003, Linux, Android SDK, J2EE.	
CERTIFICATION	Sun Certified Java Programmer	2009
PROJECTS	<i>Colfusion</i> , Pittsburgh, PA	05/2013 - 12/2013
	<ul style="list-style-type: none">Designed and implemented front-end as reusable components in MVC architecture using knockout.js.Visualized statistical data and associations between data sets using Cytoscape.js and Google Charts.Integrated data from various data source(MSSQL 2008 R2, MySQL, PostgreSQL, Excel file, CSV file) using MSSQL Linked Server and Kettle Pentaho, helped users catch associations between heterogeneous data sets.	
	<i>Self-Adaptive Learning Through Teaching System</i> , Pittsburgh, PA	09/2012 - 05/2013
	<ul style="list-style-type: none">Designed architecture and implemented functionality of the web application using ASP.NET MVC and Entity Framework.Reduced server response time by implementing the web application in single-page, event-driven architecture.Designed and implemented instant messaging module using ASP.NET and SignalR, improving learning outcome via real-time group discussions.	
	<i>Personalised Business Recommender</i> , Pittsburgh, PA	09/2012 - 01/2013
EXPERIENCE	<ul style="list-style-type: none">Designed and implemented a location-based service to assist users find local businesses based on user preferences.Provided business recommendations using Yelp API and Android(ICS) SDK.Evaluated user experience and simplified the usage of data.	
	<i>Asset Management Information System Development Project</i> , Taichung, Taiwan	01/2011 - 07/2011
	<ul style="list-style-type: none">Introduce an asset management system to enhanced the work flow of university resource allocation procedures.Enhanced and integrated existing systems into a single portal.Enhanced database architecture and computer network security.	
	National Chung Hsing University, Taichung, Taiwan <i>Undergraduate Research Assistant</i>	09/2009-07/2011
	<ul style="list-style-type: none">Developed a web-based quiz game using JSP/Servlet and Atmosphere to motivate high school students to learn history courses, improving student's educational motivation and exam scores by 10%.Provided critical feedback to team for research criteria and experimental development.	
ADWARDS	National Chung Hsing University, Taichung, Taiwan <i>Chief Network Administrator</i>	09/2009-07/2011
	<ul style="list-style-type: none">Maintained network infrastructure and administrated university network.Assisted university to execute and maintain network usage policies.Conducted technical training on Cisco 3550 and Cisco 2950 for team.	
	<i>Commendation Award</i> , Highest Honor of Undergraduate Project Presentation, National Chung Hsing University	